

ANNEXURE-A

BILL OF QUANTITIES (1.1KV EPR INSULATED FIRE SURVIVAL CABLES)
TENDER ENQUIRY NO.-PE/PG/PKI/E-6279/2019 Dtd. 02.08.2019
PROJECT:- 1 x 660 MW UPRVUNL PANKI TPP

(A) MAIN SUPPLY

1.1 KV Fire Survival cable with stranded, non-compacted/compacted, plain/tinned annealed copper conductor (as per technical specification), EPR insulation, HOFR Inner Sheath, AI Round Wire (applicable for single core cable) / GS Round Wire Armour (applicable for multi core cable) and HOFR Outer Sheath Generally conforming to IS :9968 (Part-1) and BHEL specification.

S.No.	Item code	Item name	UOM	Ordered Quantity	LOT-I QUANTITY	Drum Length	HSN CODE	UNIT PRICE (EX-WORKS) (Rs.)	TOTAL PRICE (EX-WORKS) (Rs.)	Freight @....% of Total Ex-works (Rs.)	GST@18% on Total Ex-works + Freight (Rs.)	Total FOR Site Price. (Rs.)
A1	507-42023-A	1C-120 ARMoured	MTR	1500	1000	500	8544					
A2	507-42004-A	1C - 400- ARMoured	MTR	21500	11000	500	8544					
A3	507-42017-A	2C-2.5 ARMoured	MTR	1000	1000	1000	8544					
A4	507-42021-A	2C-6 ARMoured	MTR	10500	5500	500	8544					
A5	507-42022-A	2C-10 ARMoured	MTR	5000	2500	500	8544					
A6	507-42013-A	2C - 95- ARMoured	MTR	5500	3000	500	8544					
A7	507-42001-A	3C - 2.5- ARMoured	MTR	2000	1000	1000	8544					
A8	507-42024-A	3C-35 ARMoured	MTR	1000	500	500	8544					
A9	507-42002-A	5C - 2.5- ARMoured	MTR	3000	2000	1000	8544					

(B)	MANDATORY SPARE	(Refer Annexure-B for detailed list)	8544	NA	
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NOTES : (Applicable for Main Supply only)

- Quantities indicated above for S. No. (A) shall be known as Order Quantities. The variation in quantities of all sizes shall be as per GCC Rev.06.
- The bidder shall indicate the unit price of each type and size of cables listed as per the BOQ-Cum-Price Schedule. The unit prices shall apply for adjustment of variation in quantity as stipulated above.
- Lot-I quantities indicated above shall be cleared for manufacturing along with PO. 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 & site requirements.
- The standard drum length shall be 500 meters as indicated above except for item listed at S.No.A3, A7 and A9 where the standard drum length shall be 1000 meters. Tolerance on individual drum length shall be $\pm 5\%$.
- Overall tolerance on total dispatched quantity of each size shall be $(-)$ 2% and $(+)$ 0% except where the total ordered quantity is one single drum length of 500m or 1000m, in which case it shall be $-5\%/0\%$. Cables consumed for testing and inspection shall be to bidder's account.
- For each individual cable size, one short length of not less than 250m / 500m (for drum length of 500m, 1000m respectively) may be accepted only in the final drum length to complete the supply (except where the total ordered quantity is one single drum length of 500m, 1000m). The overall tolerance limits stipulated above shall continue to apply (in case short lengths are accepted).
- In case of the quantities of any one lot cleared by BHEL for manufacturing 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 implications.
- Bidder shall indicate unit price of cables inclusive of type test charges. No separate charges shall be payable for type tests.

[Handwritten Signature]
 2/8/19

ANNEXURE-B

BILL OF QUANTITIES (1.1KV EPR INSULATED FIRE SURVIVAL CABLES)

TENDER ENQUIRY NO.-PE/PG/PK/E-6279/2019 Dtd. 02.08.2019

PROJECT:- 1 x 660 MW UPRVUNL PANKI TPP

(B) MANDATORY SPARES

1.1 KV Fire Survival cable with stranded, non-compacted/compacted, plain/tinned annealed copper conductor (as per technical specification), EPR insulation, HOFR Inner Sheath, Al Round Wire (applicable for single core cable) / GS Round Wire Armour (applicable for multi core cable) and HOFR Outer Sheath Generally conforming to IS :9968 (Part-1) and BHEL specification.

S.No.	ITEM CODE	ITEM NAME	UOM	Ordered Quantity	HSN CODE	UNIT PRICE (EX-WORKS) (Rs.)	TOTAL PRICE (EX-WORKS) (Rs.)	Freight @....% of Total Ex-works (Rs.)	GST@18% on Total Ex-works + Freight (Rs.)	Total FOR Site Price. (Rs.)
B1	507-42000-B	1C-120 ARMoured	MTR	500	8544					
B2		1C - 400- ARMoured	MTR	2500	8544					
B3		2C-2.5 ARMoured	MTR	500	8544					
B4		2C-6 ARMoured	MTR	1500	8544					
B5		2C-10 ARMoured	MTR	500	8544					
B6		2C - 95- ARMoured	MTR	1000	8544					
B7		3C - 2.5- ARMoured	MTR	500	8544					
B8		3C-35 ARMoured	MTR	500	8544					
B9		5C - 2.5- ARMoured	MTR	500	8544					

Notes: (Applicable for Mandatory Spares only)

- Quantities indicated above for SI. NO. (B) shall be known as Order Quantities. The variation in quantities of all sizes for Mandatory Spares (B) put together shall be limited to (-) 30% to (+) 30% of the total contract value derived on the basis of the Ordered quantities of Mandatory Spares (B).
- The bidder shall indicate the unit price of each type and size of cables listed as per the BOQ-Cum-Price Schedule. The unit prices shall apply for adjustment of variation in quantity as stipulated above.
- Tolerance on individual drum length shall be $\pm 5\%$. Overall tolerance on total dispatched quantity of each size shall be (-) 2% and (+) 0%.
- Quantity of mandatory spares indicated above shall be manufactured by the successful bidder only after approval from BHEL. The drums supplied against item B shall be clearly identified as "MANDATORY SPARE".
- Bidder shall indicate unit price of cables inclusive of type test charges. No separate charges shall be payable for type tests.

(Signature)
(28/8/19)