

SMARTBID: COMMERCIAL FORENSIC AUDIT

Generated: 18-Dec-2025 11:34

1. PROJECT & CLIENT IDENTITY

RFP Reference	RFP-1766037844
Client Name	ITI Limited (Network System Unit)
Destination	Warehouse of ITI Limited in Srinagar and Rae Bareli (Plains_Highway)

2. PRODUCT-WISE COST BREAKDOWN

Item: Polycab 1.1kV 3.5 Core 70sqmm Aluminium Armoured Cable (Qty: 1000.0)

Material & Mfg	256,986
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 3.5 Core 50sqmm Aluminium Armoured Cable (Qty: 1000.0)

Material & Mfg	185,806
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 3.5 Core 35sqmm Aluminium Armoured Cable (Qty: 1000.0)

Material & Mfg	135,240
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 3.5 Core 25sqmm Aluminium Armoured Cable (Qty: 1000.0)

Material & Mfg	100,074
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	

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- High Voltage Test (Water Tank): 1,700
- Dimensions Check (OD & Thickne: 300

Item: Polycab 1.1kV 4 Core 16sqmm Aluminium Armoured Cable (Qty: 1000.0)

Material & Mfg	71,780
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 4 Core 16sqmm Aluminium Armoured Cable (Qty: 1000.0)

Material & Mfg	71,780
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 4 Core 6sqmm Copper Armoured Cable (Qty: 1000.0)

Material & Mfg	262,772
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 3 Core 6sqmm Copper Armoured Cable (Qty: 1000.0)

Material & Mfg	205,398
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 1 Core 25sqmm Copper Flexible Cable (Red) (Qty: 1000.0)

Material & Mfg	259,492
Packaging	24,000

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Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 1 Core 25sqmm Copper Flexible Cable (Red) (Qty: 1000.0)

Material & Mfg	259,492
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 1 Core 16sqmm Copper Flexible Cable (Red) (Qty: 1000.0)

Material & Mfg	169,280
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 1 Core 16sqmm Copper Flexible Cable (Red) (Qty: 1000.0)

Material & Mfg	169,280
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 1 Core 10sqmm Copper Flexible Cable (Red) (Qty: 1000.0)

Material & Mfg	102,419
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

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Item: Polycab 1.1kV 1 Core 10sqmm Copper Flexible Cable (Red) (Qty: 1000.0)

Material & Mfg	102,419
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab Copper Wire 4 sqmm (Qty: 1000.0)

Material & Mfg	42,245
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab Copper Wire 4 sqmm (Qty: 1000.0)

Material & Mfg	42,245
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab Copper Wire 2.5 sqmm (Qty: 1000.0)

Material & Mfg	26,112
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	
- Armor Resistance Test: 450	
- Insulation Resistance Test (Vo: 600	
- Tensile Strength & Elongation : 1,200	
- High Voltage Test (Water Tank): 1,700	
- Dimensions Check (OD & Thickne: 300	

Item: Polycab 1.1kV 4 Core 6sqmm Copper Armoured Cable (Qty: 1000.0)

Material & Mfg	262,772
Packaging	24,000
Compliance Testing	5,250
- Conductor Resistance Test: 1,000	

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- Armor Resistance Test: 450
- Insulation Resistance Test (Vo: 600
- Tensile Strength & Elongation : 1,200
- High Voltage Test (Water Tank): 1,700
- Dimensions Check (OD & Thickne: 300

3. LOGISTICS & FINANCIALS

Logistics (1448.32km, 15.1T)	INR 165,438
Formula: $(15.14T \times 1448.32\text{km} \times 4.5 \text{ Rate} \times 1.0 \text{ Zone (Z-01)})$	
Cost of Capital (30 Days)	INR 33,707
FULL COST BASE	INR 3,451,238

4. STRATEGIC MARGIN BUILD-UP

Base Target Margin	18.0%
> Credit Cost (30 days): +INR 33707	
> Price War Alert: Sigma Wires (Aggressive) -> -3% Margin	
> Price War Alert: Theta Cables (Aggressive) -> -3% Margin	
> Price War Alert: Gemscab (Aggressive) -> -3% Margin	
> Price War Alert: V-Flow Tech Cables (Aggressive) -> -3% Margin	
> Low-Cost Rival: Beta Wires Ltd -> -4% Margin	
> Price War Alert: Bonton Cables (Aggressive) -> -3% Margin	
> Price War Alert: Ultracab India (Aggressive) -> -3% Margin	
> Zone Risk (Plains_Highway): +2.0%	
> EMERGENCY: Margin Floor Hit (Survival Mode)	
FINAL NET MARGIN	4.0%

FINAL BID SUBMISSION VALUE

INR 3,589,288