

CE(Infra)/EE-I/GTP/

No 24232

Date: 27 MAY 2015

To,
M/s. Finncab Wires & Cables P. Ltd.
2-3-464/7, Minister Road,
Secunderabad 500 003

Sub: Vendor Approval of M/s. Finncab Wires & Cables P. Ltd., Secunderabad for supply of LT XLPE Aluminum armoured cable of sizes 3.5Cx 35,70,95,120,185,240,300 sqmm & 1Cx 16,50,185,300 sqmm & LT PVC armoured copper cable of sizes 2Cx 2.5,4Cx2.5,7C x 2.5,12C x 2.5 & 19C x 2.5 sq.mm for utilization under Infra Plan Project II.

- Ref: 1) Application from M/s. Finncab Wires & Cables P. Ltd. Dt.20.01.2015
2) Meeting of Hon'ble Dir(Proj) on dated 11.11.2013.
3) CE/Infra/206 Dt. 21.01.2015
4) CE/MMC/MSD-I/Infra/Finncab/826 Dt. 14.05.2015
5) CE/Infra/EE-I/Vendor/1496 Dt.19.05.2015
6) Dir(Proj)/993 Dt. 20.05.2015

Dear Sir,

With ref. to the above subject, your application for Vendor approval under Infra -II Scheme is received to this office vide ref 1. As per the approved GTP from MS Cell vide ref 4 for of LT XLPE Aluminum armoured cable of sizes 3.5Cx 35,70,95,120,185,240,300 sqmm & 1Cx 16,50,185,300 sqmm & LT PVC armoured copper cable of sizes 2Cx 2.5,4Cx2.5,7C x 2.5,12C x 2.5 & 19C x 2.5 sq.mm was put to Vendor Committee vide ref.5

Accordingly the competent authority has accorded approval vide ref 6 as a Vendor for supply of LT XLPE Aluminum armoured cable of sizes 3.5Cx 35,70,95,120,185,240,300 sqmm & 1Cx 16,50,185,300 sqmm & LT PVC armoured copper cable of sizes 2Cx 2.5,4Cx2.5,7C x 2.5,12C x 2.5 & 19C x 2.5 sq.mm for use under Infra -II Scheme. Factory inspection is carried out by EE(IW),CPA, MSDCL, Mumbai on dated 07.07.2014

The details of type test reports are as below -

Sr No	Type Test Reports No & date	Place of Testing
1	3.5C x 35sq.mm (A2XFY) Report No:DLI/T/14-15/358 Dt. 24.11.14	Delta Laboratory
2	3.5C x 70sq.mm (A2XFY) Report No:DLI/T/12-13/669 Dt. 31.03.13	
3	3.5C x 95sq.mm (A2XFY) Report No:DLI/T/14-15/372Dt. 01.12.14	
4	3.5C x 120sq.mm (A2XFY) Report No:DLI/T/12-13/670 Dt. 31.03.13	
5	3.5C x 185sq.mm (A2XFY) Report No:DLI/T/12-13/669 Dt. 31.03.13	
6	3.5C x 240sq.mm (A2XFY) Report No:DLI/T/14-15/371Dt. 01.12.14	
7	3.5C x 300sq.mm (A2XFY) Report No:DLI/T/12-13/534Dt. 01.03.13	
8	1C x 16 sq.mm (A2XWY) Report No:DLI/T/14-15/353Dt. 22.11.14	
9	1C x 50 sq.mm (A2XY) Report No:DLI/T/14-15/206 Dt. 06.09.12	
10	1C x 185 sq.mm (A2FaY) Report No:DLI/T/14-15/355Dt. 22.11.14	
11	1C x 300 sq.mm (A2FaY) Report No:DLI/T/14-15/354Dt. 22.11.14	
12	2C x 2.5sq.mm (YY) Report No:DLI/T/14-15/373Dt. 01.12.14	
13	4C x 2.5 sq.mm (YY) Report No:DLI/T/14-15/374Dt. 01.12.14	
14	7C x 2.5 sq.mm (YWX) Report No:DLI/T/14-15/376Dt. 01.12.14	
15	12C x 2.5 sq.mm Report No:DLI/T/14-15/376Dt. 01.12.14	
16	19C x 2.5 sq.mm (YFY) Report No:ATCC2014060704 Dt.07.06.14	

The set of approved GTP/Drawings of above sizes of cables is enclosed herewith.

It is requested to see that the all Guaranteed Technical particulars of above sizes of cables supplied under Infra- II Scheme should be strictly in accordance with technical specification and IS. Please maintain the same design & Construction parameters to be supplied under Infra- II project as per approved GTP only. This is for your information and necessary action please.

Further, this approval of GTP, drawings & Type Test reports shall not relieve you from your responsibility and liability to ensure correctness of the drawings and correct interpretation for meeting the requirements as per tender technical specifications and IS.

This letter is issued without prejudice to the other terms & conditions of the subject tender.

Thanking You,

Encl: As above

Yours Faithfully,

Mahesh
Chief Engineer (Infra Plan)

Copy s.w.r.to:

- 1) The Director (Projects), MSEDCL, Mumbai.
- 2) The Director (Operations), MSEDCL, Mumbai

Copy with compliment to:

- 1) The Chief Engineer(MMC), MSEDCL, Mumbai.
- 2) The Chief Engineer, MSEDCL, All O&M Zones.

Copy to:

- 1) The Superintending Engineer (MMC), MSEDCL, Mumbai.
- 2) The Superintending Engineer (Infra), MSEDCL, All Zones.
- 3) The Superintending Engineer (TQA), MSEDCL,Pune
- 4) The Superintending Engineer (O&M), All O&M Circles.



FINECAB

Wires & Cables Private Limited

(An ISO 9001-2008 Company)

REGD.OFFICE : 2-3-465/7, MINISTER ROAD, SECUNDERABAD-500 08
TEL : 27818908, 27816588, 65195860 FAX : (040) 27721916
EMAIL : finecabwires@gmail.com • finecab@rediffmail.com
Website : www.finecabcables.com

APPROVED FOR
IN-RA-II PROJECTS

GAURANTEED TECHNICAL PARTICULARS			
S.NO	DESCRIPTION	Reference Document	3.5c x 35 Sq.mm
1	GENERAL		
	Name of the manufacturer	APPROVAL FOR INFRASTRUCTURE PLAN	Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS - 7098(P-I)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		35/16
	Min.No.of Strands		6/6
	Max.D.C.resistance at 20o C Ohm/km		0.868/1.91
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		0.9/0.7
	Colour		Red ,Yellow,Blue & Black
4	INNER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.3
5	ARMOURING	IS:7098(P-1)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nominal size of Armour		4.0 x 0.8
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.4
	Colour		Black
7	Approximate Overall Diameter		25
8	Approximate Net weight of cable		970 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-I) 3.5c X 35 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		500 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carrying Capacity		
	When laid in Ground(30Deg.C)		94
	When laid in Air(40Deg.C)		96
13	Short Current rating of Conductor		
	For Duration of 1Sec		3.3
14	Minimum Bending Radius		12XD



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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	3.5c x 70 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-I) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 7098(P-I)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		70/35
	Min.No.of Strands		6/6
	Max.D.C.resistance at 20o C Ohm/km		0.443/0.868
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.10/0.9
	Colour		Red ,Yellow,Blue & Black
4	INNER SHEATH	IS:5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.4
5	ARMOURING	IS:7098(P-1)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nomianal size of Armour		4.0 x 0.8
6	OUTER SHEATH	IS:5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.56
	Colour		Black
7	Approximate Overall Diameter		32
8	Approximate Net weight of cable		1570 kgs / km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-I) 3.5c X 70 SQMM MSEDCL 0000 MTRS
10	Standarnd Drum Length		500 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continious AC Current Carrng Capacity		
	When laid in Ground(30Deg.C)		164
	When laid in Air(40Deg.C)		179
13	Short Current rating of Conductor		
	For Duaraion of 1Sec		6.6
14	Minimum Bending Radius		12XD



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Website : www.finecabcables.com

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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	3.5c x 95 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 7098(P-Iy)1988
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		95/50
	Min.No.of Strands		15/6
	Max.D.C.resistance at 20o C Ohm/km		0.320/0.641
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.1/1.0
	Colour		Red ,Yellow,Blue & Black
4	INNER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.4
5	ARMOURING	IS:7098(P-1)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nominal size of Armour		4.0 x 0.8
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.56
	Colour		Black
7	Approximate Overall Diameter		36
8	Approximate Net weight of cable		1860 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) 3.5c X 95 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		500 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carrying Capacity		
	When laid in Ground(30Deg.C)		196
	When laid in Air(40Deg.C)		221
13	Short Current rating of Conductor		
	For Duration of 1Sec		9
14	Minimum Bending Radius		12XD



**FINECAB****Wires & Cables Private Limited**

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REGD.OFFICE : 2-3-465/7, MINISTER ROAD, SECUNDERABAD-500 06
 TEL : 27818908, 27816588, 65195860 FAX : (040) 27721916
 EMAIL : finecabwires@gmail.com • finecab@rediffmail.com
 Website : www.finecabcables.com

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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	3.5c x 120 Sq.mm
1 GENERAL			
	Name of the manufacturer	Approval for INFRASTRUCTURE PLAN	Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 7098(P-1)/1988
2 CONDUCTOR		IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		120/70
	Min.No.of Strands		15/12
	Max.D.C.resistance at 20o C Ohm/km		0.253/0.443
3 INSULATION		IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.20/1.10
	Colour		Red ,Yellow,Blue & Black
4 INNER SHEATH		IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.4
5 ARMOURING		IS:7098(P-1)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nomianal size of Armour		4.0 x 0.8
6 OUTER SHEATH		IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.72
	Colour		Black
7 Approximate Overall Diameter			38.5
8 Approximate Net weight of cable			2260 kgs/km
9 Printing on Cables			FINECAB 1100V ELECTRIC IS : 7098 (P-1) 3.5c X 120 SQMM MSDEL 0000 MTRS
10 Standard Drum Length			500 ± 5%
11 Drums			
	Type		Non-Returnable wooden drum
12 Continious AC Current Carring Capacity			
	When laid in Ground(30Deg.C)		223
	When laid in Air(40Deg.C)		257
13 Short Current rating of Conductor			
	For Duration of 1Sec		11.3
14 Minimum Bending Radius			12XD



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REGD.OFFICE : 2-3-465/7, MINISTER ROAD, SECUNDERABAD-500 04
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EMAIL : finecabwires@gmail.com • finecab@rediffmail.com
Website : www.finecabcables.com

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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	3.5c x 185 Sq.mm
1 GENERAL			
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-I) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 7098(P-I)/1988
2 CONDUCTOR		IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		185/95
	Min.No.of Strands		30/15
	Max.D.C.resistance at 20o C Ohm/km		0.164/0.320
3 INSULATION		IS:7098(P-I)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.6/1.1
	Colour		Red ,Yellow,Blue & Black
4 INNER SHEATH		IS:7098(P-I) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.5
5 ARMOURING		IS:7098(P-I)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nominal size of Armour		4.0 x 0.8
6 OUTER SHEATH		IS:7098(P-I) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.88
	Colour		Black
7 Approximate Overall Diameter			47
8 Approximate Net weight of cable			3120 kgs/km
9 Printing on Cables			FINECAB 1100V ELECTRIC IS : 7098 (P-I) 3.5c X 185 SQMM MSEDCL 0000 MTRS
10 Standard Drum Length			250 ± 5%
11 Drums			
	Type		Non-Returnable wooden drum
12 Continious AC Current Carrying Capacity			
	When laid in Ground(30Deg.C)		282
	When laid in Air(40Deg.C)		337
13 Short Current rating of Conductor			
	For Duration of 1Sec		17.5
14 Minimum Bending Radius			12XD



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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	3.5c x 240 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 7098(P-1)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		240/120
	Min.No.of Strands		30/15
	Max.D.C.resistance at 20o C Ohm/km		0.125/0.253
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.7/1.2
	Colour		Red ,Yellow,Blue & Black
4	INNER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.6
5	ARMOURING	IS:7098(P-1)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nomianal size of Armour		4.0 x 0.8
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		2.04
	Colour		Black
7	Approximate Overall Diameter		53
8	Approximate Net weight of cable		3880 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) 3.5c X 240 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		250 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carring Capacity		
	When laid in Ground(30Deg.C)		328
	When laid in Air(40Deg.C)		399
13	Short Current rating of Conductor		
	For Duration of 1Sec		22.6
14	Minimum Bending Radius		12XD



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S.NO	DESCRIPTION	Reference Document	3.5c x 300 Sq.mm
1	GENERAL		
	Name of the manufacturer	Approval for INFRASTRUCTURE PLAN	Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 7098(P-1)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Sector Shaped
	Cross Sectional Area		300/150
	Min.No.of Strands		30/15
	Max.D.C.resistance at 20o C Ohm/km		0.100/.0206
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.8/1.4
	Colour		Red, Yellow, Blue & Black
4	INNER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Min.Thickness		0.6
5	ARMOURING	IS:7098(P-1)	
	Material		G.S.Strip
	Type of Armouring		Strip
	Nomianal size of Armour		4.0 x 0.8
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		2.2
	Colour		Black
7	Approximate Overall Diameter		57
8	Approximate Net weight of cable		4720 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) 3.5c X 300 SQMM MSEDCL 0000 MTRS
10	Strandard Drum Length		250 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carring Capacity		
	When laid in Ground(30Deg.C)		367
	When laid in Air(40Deg.C)		455
13	Short Current rating of Conductor		
	For Duuration of 1Sec		28.3
14	Minimum Bending Radius		12XD



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REGD.OFFICE : 2-3-465/7, MINISTER ROAD, SECUNDERABAD-500 06
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EMAIL : finecabwires@gmail.com • finecab@rediffmail.com
Website : www.finecabcables.com

GAURANTEED TECHNICAL PARTICULARS

APPROVED FOR
IA-RA-II PROJECT

S.NO	DESCRIPTION	Reference Document	1c x 16 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards	IS : 7098(P-I)/1988	
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Circular
	Cross Sectional Area		16
	Min.No.of Strands		
	Max.D.C.resistance at 20o C Ohm/km		1.91
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		2.1
	Colour		Red
4	INNER SHEATH		
	Material		Not Applicable
	Min.Thickness		
5	ARMOURING	IS:7098(P-1)	
	Material		Aluminium
	Type of Armouring		Aluminium Round wire
	Nomianal size of Armour		1.4 mm
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.24
	Colour		Black
7	Approximate Overall Diameter		13
8	Approximate Net weight of cable		220 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) 1c X 16 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		1000 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carring Capacity		
	When laid in Ground(30Deg.C)		76
	When laid in Air(40Deg.C)		73
13	Short Current rating of Conductor		
	For Duuration of 1Sec		1.5
14	Minimum Bending Radius		15XD



FINECAB

Wires & Cables Private Limited

(An ISO 9001-2008 Company)

REGD.OFFICE : 2-3-465/7, MINISTER ROAD, SECUNDERABAD-500 08
TEL : 27818908, 27816588, 65195860 FAX : (040) 27721916
EMAIL : finecabwires@gmail.com • finecab@rediffmail.com
Website : www.finecabcables.com

APPROVED FOR
INFRA-II PROJECTS

GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	1 c x50 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards	IS : 7098(P-1)/1988	
2	CONDUCTOR	IS-8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Circular
	Cross Sectional Area		50 sqmm
	Min.No.of Strands		
	Max.D.C.resistance at 20o C Ohm/km		0.641
3	INSULATION	IS : 7098(P-1)/1988	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.0
	Colour		Red
4	INNER SHEATH	IS : 7098(P-1)/1988	
	Material		N.A.
	Min.Thickness		
5	ARMOURING	IS : 7098(P-1)/1988	
	Material		NA
	Type of Armouring		
	Nomianal size of Armoure		
6	OUTER SHEATH	IS : 7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1
	Colour		Black
	Approximate Overall Diameter		14
8	Approximate Net weight of cable		240kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) 1c X 50 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		1000 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continious AC Current Carring Capacity		
	When laid in Ground(30Deg.C)		135
	When laid in Air(40Deg.C)		150
13	Short Current rating of Conductor		
	For Duuration of 1Sec		0.282 KA
14	Minimum Bending Radius		15XD





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GAURANTEED TECHNICAL PARTICULARS			
S.NO	DESCRIPTION	Reference Document	1c x 185 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards	IS : 7098(P-1)/1988	
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Circular
	Cross Sectional Area		185
	Min.No.of Strands		30
	Max.D.C.resistance at 20o C Ohm/km		0.16
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		1.9
	Colour		Red
4	INNER SHEATH		
	Material		Not Applicable
	Min.Thickness		
5	ARMOURING	IS:7098(P-1)	
	Material		Aluminium
	Type of Armouring		Aluminium Flat wire
	Nominal size of Armour		0.8 x 4.0
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.4
	Colour		Black
7	Approximate Overall Diameter		25
8	Approximate Net weight of cable		900 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) 1c X 185 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		500 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carrying Capacity		
	When laid in Ground(30Deg.C)		265
	When laid in Air(40Deg.C)		305
13	Short Current rating of Conductor		
	For Duration of 1Sec		
14	Minimum Bending Radius		15XD





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GAURANTEED TECHNICAL PARTICULARS

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IA-RA-II PROJECTS

S.NO	DESCRIPTION	Reference Document	1c x 300 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:7098(Part-1) CM/L 0006550469
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards	IS : 7098(P-I)/1988	
2	CONDUCTOR	IS:8130	
	Material		Stranded E.C.Grade Aluminium conductor as per IS : 8130
	Grade		H2/H4
	Shape		Circular
	Cross Sectional Area		300
	Min.No.of Strands		30
	Max.D.C.resistance at 20o C Ohm/km		0.100
3	INSULATION	IS:7098(P-1)	
	Material		Extruded XLPE Compound as per IS : 7098
	Thickness(Nom)		2.1
	Colour		Red
4	INNER SHEATH		
	Material		Not Applicable
	Min.Thickness		
5	ARMOURING	IS:7098(P-1)	
	Material		Aluminium
	Type of Armouring		Aluminium Flat wire
	Nominal size of Armour		0.8 x 4.0
6	OUTER SHEATH	IS:7098(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 2 as per IS : 5831
	Thickness(Nom)		1.56
	Colour		Black
7	Approximate Overall Diameter		30
8	Approximate Net weight of cable		1350 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 7098 (P-1) X 300 SQMM MSEDCL 0000 MTRS
10	Standard Drum Length		500 ± 5%
11	Drums		
	Type		Non-Returnable wooden drum
12	Continuous AC Current Carrying Capacity		160°C
	When laid in Ground(30Deg.C)		335
	When laid in Air(40Deg.C)		395
13	Short Current rating of Conductor		
	For Duration of 1Sec		28.3
14	Minimum Bending Radius		15XD





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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	2 c x 2.5 Sq.mm
1 GENERAL			
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:1554(Part-1) CM/L 0001901952
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 1554(P-1)/1988
2 CONDUCTOR		IS:8130	
	Material		Stranded Copper Conductor as per IS : 8130
	Grade		Annealed high conductivity copper
	Shape		Round
	Cross Sectional Area		2.5 sqmm
	Min.No.of Strands		7
	Max.D.C.resistance at 20° C Ohm/km		7.41
3 INSULATION		IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type A as per IS : 5831
	Thickness(Nom)		0.9
	Colour		Red & Black
4 INNER SHEATH		IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Min.Thickness		0.3
5 ARMOURING		IS:1554(P-1)	
	Material		Galvanized steel wire as per IS: 3975
	Type of Armouring		Round
	Nominal size of Armour		1.40
6 OUTER SHEATH		IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Thickness(Nom)		1.24
	Colour		Black
7 Approximate Overall Diameter			14.5
8 Approximate Net weight of cable			420 Kgs/Km
9 Printing on Cables			FINECAB 1100V ELECTRIC IS : 1554 (P-1) 2c X 2.5 SQMM MSDCL 0000 MTRS
10 Standard Drum Length			500 ± 5 %
11 Drums			
	Type		Non returnable wooden drums
12 Continious AC Current Carring Capacity			
	When laid in Ground(30Deg.C)		32
	When laid in Air(40Deg.C)		27
13 Short Current rating of Conductor			
	For Duration of 1Sec		0.288 KA
14 Minimum Bending Radius			12XD





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GAURANTEED TECHNICAL PARTICULARS			
S.NO	DESCRIPTION	Reference Document	4 c x 2.5 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:1554(Part-1) CML 0001901952
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 1554(P-1)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded Copper Conductor as per IS : 8130
	Grade		Annealed high conductivity copper
	Shape		Round
	Cross Sectional Area		2.5 sqmm
	Min.No of Strands		7
	Max.D.C.resistance at 20° C Ohm/km		7.41
3	INSULATION	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type A as per IS : 5831
	Thickness(Nom)		0.9
	Colour		Red ,Yellow,Blue & Black
4	INNER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Min.Thickness		0.3
5	ARMOURING		
	Material		Galvanized steel wire as per IS: 3975
	Type of Armouring		Round
	Nominal size of Armour		1.40
6	OUTER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Thickness(Nom)		1.24
	Colour		Black
7	Approximate Overall Diameter		16.5
8	Approximate Net weight of cable		500 Kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 1554 (P-1) 4c X 2.5 SQMM MSEDCL
10	Standard Drum Length		0000 MTRS
11	Drums		500 ± 5 %
	Type		Non returnable wooden drums
12	Continuous AC Current Carrying Capacity		
	When laid in Ground(30Deg.C)		27
	When laid in Air(40Deg.C)		24
13	Short Current rating of Conductor		
	For Duration of 1Sec		0.288 KA
14	Minimum Bending Radius		12XD

APPROVAL FOR
INFRASTRUCTURE PLAN



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GAURANTEED TECHNICAL PARTICULARS**APPROVED FOR
INFRA-II PROJECTS**

S.NO	DESCRIPTION	Reference Document	7 c x 2.5 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:1554(Part-1) CM/L 0001901952
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 1554(P-I)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded Copper Conductor as per IS : 8130
	Grade		Annealed high conductivity copper
	Shape		Round
	Cross Sectional Area		2.5 sqmm
	Min.No.of Strands		7
	Max.D.C.resistance at 20° C Ohm/km		7.41
3	INSULATION	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type A as per IS : 5831
	Thickness(Nom)		0.9
	Colour		Grey colour with numbering
4	INNER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Min.Thickness		0.3
5	ARMOURING	IS:1554(P-1)	
	Material		Galvanized steel wire as per IS: 3975
	Type of Armouring		Round
	Nomianal size of Armour		1.40
6	OUTER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Thickness(Nom)		1.24
	Colour		Black
7	Approximate Overall Diameter		18.5
8	Approximate Net weight of cable		650 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 1554 (P-1) 7c X 2.5 SQMM MSDCL 0000 MTRS
10	Standard Drum Length		500 ± 5 %
11	Drums		
	Type		Non returnable wooden drums
12	Continious AC Current Carring Capacity		
	When laid in Ground(30Deg.C)		20
	When laid in Air(40Deg.C)		17
13	Short Current rating of Conductor		
	For Duuration of 1Sec		0.288 KA
14	Minimum Bending Radius		12XD

**APPROVAL FOR
INFRASTRUCTURE PLAN**



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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	12 c x 2.5 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:1554(Part-1) CM/L 0001901952
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 1554(P-1)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded Copper Conductor as per IS : 8130
	Grade		Annealed high conductivity copper
	Shape		Round
	Cross Sectional Area		2.5 sqmm
	Min.No.of Strands		7
	Max.D.C.resistance at 20° C Ohm/km		7.41
3	INSULATION	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type A as per IS : 5831
	Thickness(Nom)		0.9
	Colour		Grey colour with numbering
4	INNER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Min.Thickness		0.3
5	ARMOURING	IS:1554(P-1)	
	Material		Galvanized steel wire as per IS: 3975
	Type of Armouring		Round wire
	Nominal size of Armour		1.40 mm
6	OUTER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Thickness(Nom)		1.4
	Colour		Black
7	Approximate Overall Diameter		22
8	Approximate Net weight of cable		800 kgs/Km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 1554 (P-1) 12c X 2.5 SQMM MSDDL 0000 MTRS
10	Standard Drum Length		500 ± 5 %
11	Drums		
	Type		Non returnable wooden drums
12	Continuous AC Current Carrying Capacity		
	When laid in Ground(30Deg.C)		17
	When laid in Air(40Deg.C)		14
13	Short Current rating of Conductor		
	For Duration of 1Sec		0.288 KA
14	Minimum Bending Radius		12XD

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GAURANTEED TECHNICAL PARTICULARS

S.NO	DESCRIPTION	Reference Document	19 c x 2.5 Sq.mm
1	GENERAL		
	Name of the manufacturer		Finecab Wires & Cables Pvt. Ltd
	Brand		FINECAB
	ISI Registration		IS:1554(Part-1) CM/L 0001901952
	Validity Date		28.02.2016
	Voltage Grade		Upto and Including 1100Volts
	Applicable standards		IS : 1554(P-1)/1988
2	CONDUCTOR	IS:8130	
	Material		Stranded Copper Conductor as per IS : 8130
	Grade		Annealed high conductivity copper
	Shape		Round
	Cross Sectional Area		2.5 sqmm
	Min.No.of Strands		7
	Max.D.C.resistance at 20° C Ohm/km		7.41
3	INSULATION	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type A as per IS : 5831
	Thickness(Nom)		0.9
	Colour		Grey colour with numbering
4	INNER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Min.Thickness		0.3
5	ARMOURING	IS:1554(P-1)	
	Material		Galvanized steel wire as per IS: 3975
	Type of Armouring		Round wire
	Nomianal size of Armour		1.40 mm
6	OUTER SHEATH	IS:1554(P-1) & 5831/84	
	Material		Extruded PVC Compound Type ST - 1 as per IS : 5831
	Thickness(Nom)		1.4
	Colour		Black
7	Approximate Overall Diameter		25
8	Approximate Net weight of cable		1100 kgs/km
9	Printing on Cables		FINECAB 1100V ELECTRIC IS : 1554 (P-1) 19c X 2.5 SQMM MSEDCL 0000 MTRS
10	Strandard Drum Length		500 ± 5 %
11	Drums		
	Type		Non returnable wooden drums
12	Continuous AC Current Carring Capacity		
	When laid in Ground(30Deg.C)		14
	When laid in Air(40Deg.C)		12
13	Short Current rating of Conductor		
	For Duuration of 1Sec		0.288 KA
14	Minimum Bending Radius		12XD

**APPROVAL FOR
 INFRASTRUCTURE PLAN**

