

General Technical Information

1. Outline of construction work

(1) Tohoku-Tokyo cross-regional transmission line project

division	No	Outline of construction work	Outline of equipments		organizer
			Conductor	Steel tower (units·weight※)	
transmission line	①	500kV New Line ・Cross-regional Switching Station ~ Souma-Futaba Trunk Line No.56 Steel Tower Cross-regional South Trunk Line, 2circuit	conductor type; ・SBTACSR780mm ² ×4conducts approximately 62km in length	・approximately 124 units ・approximately 9,920 ton	Tohoku EPCO
	②	500kV New Line ・Miyagi-Chuuou Substation ~ Cross-regional Switching Station Cross-regional North Trunk Line, 2circuit	conductor type; ・SBTACSR530mm ² ×4conducts approximately 81km in length	・approximately 162 units ・approximately 12,960 ton	Tohoku EPCO
	③	500kV New Line ・Souma-Futaba Trunk Line No.54 Steel Tower ~ Fukushima Trunk Line No.10 Steel Tower, 2circuit	conductor type; ・SBTACSR780mm ² ×4conducts approximately 15km in length	・approximately 30 units ・approximately 2,400 ton	Tohoku EPCO
	④	Existing 500kV Sliding Electric wire To the Cross-regional Switching Station ・Joban- Trunk Line, 4circuit ・Shinchi-Karyoku Line, 2circuit	conductor type; ・SBTACSR530mm ² ×4conducts approximately 2km in length	・approximately 6 units ・approximately 480 ton	Tohoku EPCO

* Above information is tentative and may be changed when the quotation is requested.

※amount is an estimation, assuming 80t per one tower built every 500m,

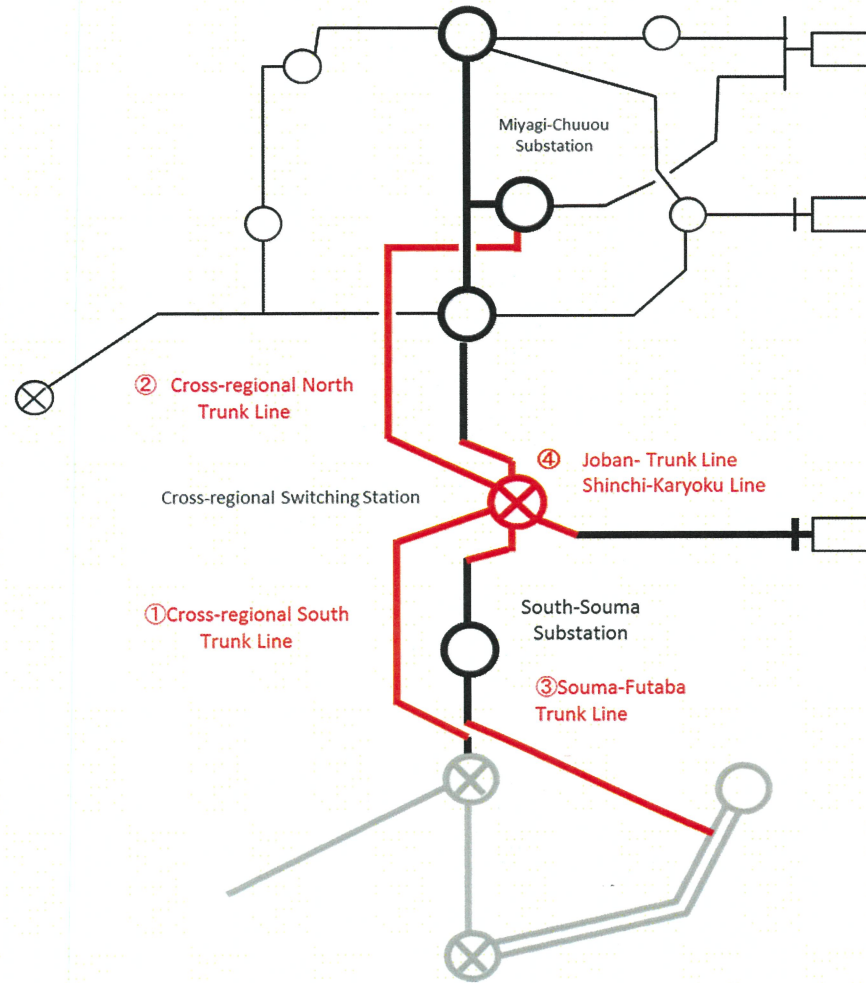
(2) Tokyo-Chubu cross-regional interconnection project

division	No	Outline of construction work	Outline of equipments		organizer
			Conductor	Steel tower (units·weight※)	
transmission line	③	275kV Sakuma East Trunk Line (Mountain) Reinforce, 2circuit	conductor type; ・TACSR410mm ² ×4conducts approximately 68km in length ・TACSR610mm ² ×4conducts approximately 55km in length	・approximately 246 units ・approximately 14,760 ton	J-power
	④	275kV New Line ・Shin-Sakuma ~ Branch of 275kV Sakuma East Trunk Line (Mountain), 2circuit	conductor type; ・TACSR410mm ² ×2conducts approximately 1km in length	・approximately 2 units ・approximately 120 ton	J-power
	⑤	275kV New Line ・Higashi-Shimizu ~ Branch of 275kV Sakuma East Trunk Line(Mountain), 2circuit	conductor type; ・TACSR810mm ² ×2conducts approximately 13km in length	・approximately 26 units ・approximately 1,560 ton	TEPCO
	⑥	275kV New Line ・Shin-Sakuma ~ Branch of 275kV Sakuma West Trunk Line (Mountain), 2circuit	conductor type; ・TACSR410mm ² ×2conducts approximately 1km in length	・approximately 2 units ・approximately 120 ton	J-power
	⑦	275kV Sakuma West Trunk Line (Mountain) Reinforce, 2circuit ,Other ・Renewal of existing 154kV line, Other	conductor type; ・TACSR410mm ² ×4conducts approximately 13km in length	・approximately 26 units ・approximately 1,560 ton	J-power

* Above information is tentative and may be changed when the quotation is requested.

※amount is an estimation, assuming 60t per one tower built every 500m,

2. Root of weld
(1) Tohoku-Tokyo cross-regional transmission line project



(2) Tokyo-Chubu cross-regional interconnection project

