

ACTIVITIES AMENDMENT N°2 - ACTIVITIES AT TH END OF ACTION

Act.N.	Activity title	MILESTONE	#	Tasks	Direction	End date	%	Costs	%	Costs	% at the end of the action
7	Release of the land acquired for public purposes and demolitions		B	Prepare the land in Italy, areas in sites of Chiomonte, Giaglione (by February 2020), San Didero- Bruzolo, Torrazza Piemonte, and Salbertrand (by February 2020) will be temporarily occupied.	G		90%		100%	30.000 €	100%
8	Utilities diversions in France		I	9. Agreement owner (in Saint Jean de Maurienne and Villargondran municipalities): studies for the derivations of telephony networks and optics fibers will allow works in the Saint Jean de Maurienne Basin.	R		61%	358.016 €	78%	96.660 €	78%
8	Utilities diversions in France		P	14. Agreement owner (in Saint Jean de Maurienne municipality): the deviations of optic fiber networks will allow works on Saint Jean de Maurienne. Deviations works are carried out according to the planning of the main work;	R		27%	117.542 €	49%	100.000 €	49%
8	Utilities diversions in France		Q	15. Agreement owner (in Saint Jean de Maurienne municipality): the derivation of HTA (20KV) and low voltage grids in Saint Jean de Maurienne will allow main works. Deviations works (deviation rue de l'Artisan, rue de l'Arc, municipality Saint-Jean Maurienne and Villargondran, rue Libération, rue Louis Sibué, rue de la Bastille, rue René Cassin, land parcel Martinet, RD81, sector old Reses, deviation Bastille post and construction of new Bastille) are carried out according to the planning of the main work (first phase until 31/12/2021);	R		47%	1.081.543 €	56%	200.000 €	56%
9	Utilities diversions in Italy		D	4. Agreement owner (Torrazza Piemonte, San Didero and Bruzolo municipalities): the deviation of water mains in San Didero and Bruzolo will allow the construction of roundabout of access to the New Autoporto. For the deviation of Torrazza the deviation will connect the railway to the deposit;	R		0%	0 €	0%	0 €	0%
9	Utilities diversions in Italy		E	5. Agreement owner (in Torrazza Piemonte San Didero, Bruzolo and Salbertrand municipalities): the deviation of telephone lines and fiber optic cables in San Didero and Bruzolo will allow the construction of roundabout of access to the New Autoporto. The deviation in Torrazza will allow the connection from the railway to the deposit. In Salbertrand the deviation is necessary to prepare works site logistics;	R		0%	0 €	0%	0 €	0%
9	Utilities diversions in Italy		I	9. Agreement owner (San Didero and Bruzolo municipalities): the deviation of gas pipeline will allow the construction of roundabout of access to the New Autoporto;	R		0%	0 €	0%	0 €	0%
10	Chiomonte Interchange		A	works for widening the Clarea viaduct (track side Torino) will be completed - This Activity covers the "structural extension" phase and does not include the finishing works (paving the road, testing etc.).	G		50%	20.000.000 €	100%	25.000.000 €	100%
13	Interconnection tunnel Susa-Bussoleno		A	the proposed civil works contract award will be sent to the Contract Commission	R		0%	0 €			
14	Electric connection Susa-Venaus		A	works for electrical power supply for Chiomonte will be completed	R		0%	0 €	0%	0 €	0%
15	Avrieux shafts		A	Construction of the four ventilation shafts and layers of different material covering the inside surface of three shafts	G			89.232.101 €	100%	50.000.000 €	100%
19	Civil works in Susa plain (o.w.2A)		A	the proposal of contract award for the above mentioned works will be sent to the Contract Commission	R		0%	0 €	0%	0 €	0%
21	Maddalena-Susa (o.w. 3-4)		C	Pile retain wall (berlinese method) bulkhead protecting the excavation of the entrance to the Maddalena 2 gallery	G		0%	0 €	100%	25.000.000 € (C+D+E+1F)	100%
21	Maddalena-Susa (o.w. 3-4)		D	Excavations with traditional methods of earthworks activities for access tunnel (Maddalena 2). They cover the initial reinforcement and excavation of the entrance of the interconnecting tunnel between La Maddalena 1 and Clarea Safety Area	G		0%	0 €	100%		100%
21	Maddalena-Susa (o.w. 3-4)		E	initial reinforcement, excavations and supporting structures of the entrance to the Maddalena 2 gallery;	G		0%	0 €	100%		100%
21	Maddalena-Susa (o.w. 3-4)		F	the interconnecting niche between the existing Maddalena 1 gallery and the connection gallery which will serve as an access for rescue vehicles	G		0%	0 €	100%		100%
21	Maddalena-Susa (o.w. 3-4)		G	Order of TBM, construction and its set up in supplier's factory: They are purchased directly from the group of companies awarded of the tender and used exclusively for the operational worksite covered by the contract	G		60%	13.032.000 €	100%	8.688.000 €	100%
23	Modane and Maddalena (o.w.5)		D	Worksite preparation: mobilization of material, human resources, upgrading the La Praz drift, installation of the external site, installation of platforms, ventilation, cooling and drainage installations required for underground works, installations to remove excavation materials	R		0%	0 €	<20%	8.000.000 €	<20%
23	Modane and Maddalena (o.w.5)		E	Design and order of the WURM (a workstation that is a part of TBM backup and is used for lining installation. This unit is used in case of open face shield TBMs to proceed simultaneously with excavation and lining activities with an evident schedule optimization) construction and its set up in the supplier's factory	R		30%	11.040.000 €	30%	0 €	30%
24	La Praz-Modane (o.w. 6)		E	Completion of at least 360m of the adit tunnel gallery with traditional method	V		100% (360m)				100%
24	La Praz-Modane (o.w. 6)		F	Completion of at least 173 m of the technical cavern	G		0%	0 €	100%	10.000.000 €	100%
24	La Praz-Modane (o.w. 6)		G	Completion of at least 1,267 m of intertube tunnels, up and down lines, including assembly caverns and the launch of TBMs.	G		24% (300m)	15.000.000 €	100%	50.000.000 €	100%
25	St Martin la Porte-La Praz (o.w.7)		E	Excavation with conventional method covering the connecting galleries and logistic access for a total of at least 1250 m in the Saint Martin La Porte drift area.	V		500% (1250 m)				100%
32	Management of excavated materials-France – (o.w.11)		F	Construction of technical area equipped for the management of excavated materials (Illaz).	R		0%	0 €	100%	15.000.000 €	100%
33	Engineering and other costs not included in other OW		H	Studies for the creation of an electrical substation for the supply of rail traction in the middle of the base tunnel;	R		0%	0 €	0%	0 €	0%
33	Engineering and other costs not included in other OW		I	Studies for the creation of an electrical substation for the supply of rail traction at the entrance of the base tunnel.	R		0%	0 €	0%	0 €	0%

Activities 24-25: ow 6 and 7 are part of a single civil works contract

A* non eligible costs

B* Activities not completed at the end of the action

A* 192.114.660 € Σ = €
 TBM Maddalena Advance payment
 11.040.000 € WURM Modane Advance payment
 203.154.660 €