



Annex A2-1:

Report on Contracts signed with subcontractors

Subject	Project acronym / Ref. No.	Date
Deliverable under Action A.2	Etanolix 2.0 for LIFE+ / LIFE12 ENV/SE/000529	01/02/2014
Issued by	Company / Department	
Linda Werner (PM/Technical Manager)	St1 Refinery AB / Technical Department	

Report on Contracts signed with subcontractors

Below listed are the company names for the contracts signed for design of the pilot plant. Also in the table is too seeing what part of the design the contractors are connected to.

External assistance / Subcontractors used in the project		
ALCONTROL	Laboratory analysis and equipment	Alcontrol have performed analysis on ground-samples for the area where the plant is built.
ALFA LAVAL NORDIC AB	Receiving station	Heat Exchange, Energy efficiency.
ASSA ABLOY	Door	Receiving station door for truck loading.
ATRITOR LIMITED	Receiving station	Supplier of the turbo separator that unpacks the feedstock.
CAVERION SVERIGE	Electricity and automation, tie-ins	Electricity and automation installation in receiving station and tie-ins.
EMPOWER AB	Construction of tie-ins	Construction and building of tie ins and connections to Receiving station.
FORSSAN LEVY O	Receiving station	Gate to the receiving bin.
KONSTRUKTIONSSVETS AB	Construction of tie-ins, steels structures	Welding of steel structures and piping.
METSO ENDRESS+	Receiving station	Supplier of flow meters, cabling and level transmitters.



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MRC TRANSMARK NV	Material: valves	Supplier of valves, flanges and couplings.
NAKKILA WORKS	Receiving station	Supplier of mixing and hydrolysis tank together with connecting equipment as mixers.
OMNIPROCESS AB	Material: Instruments	Supplier of measuring equipment and cabling.
PEAB ANLÄGGNING	Civil engineering of tie-ins	Construction of concrete, asphalt slabs, sewer systems.
PLÅT & SPIRALTEKNIK	Receiving station	Supplier of conveyers transporting feedstock in the receiving bin forward to the hydrolysis tank.
PREVENT BEVAKNING	Safety during design	Safety guards during building period. Necessary when hot work, lifting and work inside sealed space is performed.
PÖYRY SWEDPOWE	Environmental permit expert	Environmental permit expert.
RAISION VALMIS	Receiving station	Building steels, walls, roof and platforms.
RÖRDESIGN I GÖ	Construction of tie-ins	Design and construction of piping of the tie-ins.
SFF AB	Material: pipes, fittings and flanges	Supplier of piping material stainless steel.
VBK KONSULTERA	Civil engineering of tie-ins	Civil engineering of receiving station and tie-ins.
VEIDEKKE ENTRE	Civil engineering of tie-ins	Civil engineering of receiving station and tie-ins.

