





OWNER:  شرکت پتروشیمی بوشهر B.U.P.C.	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BEPC-MEG PLANT PROJECT	
	REQUISITION FOR RECIPROCATING COMPRESSOR (ITEM C-1002 & C-7080)								
MC :   شرکت سمیت و سوی توسعه ایرانیاں	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number :	BU	20	D	000	MA	MRQ	303	Rev.:	Page
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TE09	Foundation plan, including: a. Dimensions of mounting plates for the complete train and auxiliary systems complete with diameter, number, and location of both holes and thickness of metal through which bolts must pass. b. Direction and magnitude of unbalanced forces and couples, and the location of the center of gravity. c. Jack screw location. d. Anchor bolt location and sizing	A											
TE10	Allowable flange loading (either cylinder or pulsation suppression device) and coordinates. Allowable flange loading(s) for all cylinder (or pulsation bottle) connections, including anticipated thermal movements referenced to a defined point, and X, Y, Z coordinate system.	A											
TE11	Gas load, rod load, and crosshead load reversal and duration charts.	A											
TE12	Layout drawing for whole package	A											
TE13	Sectional drawing with bill of quantities	A											
TE14	Calculation of lateral and tensional critical speed	A											
TE15	Mechanical and thermal design calculation	A											
TE16	Intercooler and after cooler data, including, but not limited to: a. Dimensional outline drawings. b. TEMA data sheets. c. Final ASME code calculations	A											
TE17	Parts list with sectional drawings. The parts list shall include pattern number, stock or production drawing numbers, and the materials of construction. The list shall completely identify each part so that the purchaser may determine interchangeability of parts within the equipment furnished by the same manufacturer. Standard purchased items shall be identified by the original manufacturer's name.	A											
TE18	Dynamic analysis of exchangers	A											
TE19	Allowable force and moment for connections	A											
TE20	Pulsation study (Approach as per API 618)	A											
TE21	Shipping weight and dimension	A											
TE22	Packing box drawing (one for each packing box type).	A											
TE23	Cooler heat loads.	A											
TE24	Frame lube oil schematics, including the following: b. Control, alarm, and trip settings (pressure and recommended temperatures). c. Total heat loads. d. Utility requirements, including electrical, water and, air. e. Pipe, tubing, and valve sizes. f. Instrumentation, safety devices, and control schemes.	A											
	g. Bills of materials.												