

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد BK-HD-GCS-CO-0008_03)							 	
شماره پیمان: 053 – 073 – 9184	Time Schedule							شماره صفحه : 1 از 5	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	GCS	HY	120	GE	SH	0001		V01

طرح نگهداشت و افزایش تولید 27 مخزن

Time Schedule

نگهداشت و افزایش تولید میدان نفتی بینک

V01	AUG.2023	IFR	Havayar Co.	M.Fakharian	A.M.Mohseni	
V00	MAY.2023	IFR	Havayar Co.	M.Fakharian	A.M.Mohseni	
Rev.	Date	Purpose of Issue/Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class:

Status:

IFA: Issued for Approval

IFR: Issued for Review

IFI: Issued for Information

AFC: Approved for Construction

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد BK-HD-GCS-CO-0008_03)							 HAVAYAR INDUSTRIAL GROUP	
شماره پیمان: 053 – 073 – 9184	Time Schedule							شماره صفحه : 2 از 5	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	GCS	HY	120	GE	SH	0001		V01

REVISION RECORD SHEET

PAGE	V00	V01	V02	V03	V04
1	X	X			
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	WBS	Task Name	w.f %	Duration	شروع	پایان	Plan Progress	Actual Progress	2023												2024											
									Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1		Reciprocating Compressor	100	600 days	1401/11/8	1403/6/28	0	0																								
2	L1	Milestone	0	600 days	1401/11/8	1403/6/28	0	0																								
3	1.1.1	Start	0	0 days	1401/11/8	1401/11/8	0	0																								
4	1.1.2	Advance Payment	0	0 days	1401/11/8	1401/11/8	0	0																								
5	1.1.3	Finish	0	0 days	1403/6/28	1403/6/28	0	0																								
6	1.2	Engineering	3	367 days	1402/1/9	1403/1/10	0	0																								
7	1.2.1	General/ Management	0.61	367 days	1402/1/9	1403/1/10	0	0																								
8	1.2.1.1	List	0.49	367 days	1402/1/9	1403/1/10	0	0																								
9	1.2.1.1.1	VENDOR PRINT INDEX & SCHEDULE (VPIS)	0.1	30 days	1402/1/9	1402/2/7	0	0																								
10	1.2.1.1.2	WORK BREAKDOWN STRUCTURE	0.14	30 days	1402/2/8	1402/3/6	0	0																								
11	1.2.1.1.3	SUB VENDOR LIST	0.05	30 days	1402/2/8	1402/3/6	0	0																								
12	1.2.1.1.4	TIME SCHEDULE	0.05	30 days	1402/3/7	1402/4/5	0	0																								
13	1.2.1.1.5	SPARE PART LIST	0.05	20 days	1402/5/15	1402/6/3	0	0																								
14	1.2.1.1.6	FINAL DATA BOOK INDEX	0.05	10 days	1402/10/30	1402/11/9	0	0																								
15	1.2.1.1.7	PACKING LIST	0.05	30 days	1402/12/10	1403/1/10	0	0																								
16	1.2.1.2	Drawing/Diagram	0.06	30 days	1402/6/4	1402/7/2	0	0																								
17	1.2.1.2.1	NAME PLATE DRAWING	0.06	30 days	1402/6/4	1402/7/2	0	0																								
18	1.2.1.3	Reports	0.06	30 days	1402/11/10	1402/12/9	0	0																								
19	1.2.1.3.1	FINAL DATA BOOK	0.06	30 days	1402/11/10	1402/12/9	0	0																								
20	1.2.2	QA/QC	0.45	266 days	1402/2/8	1402/10/28	0	0																								
21	1.2.2.1	Procedure/Plan	0.4	258 days	1402/2/8	1402/10/20	0	0																								
22	1.2.2.1.1	INSPECTION & TEST PLAN (ITP)	0.12	30 days	1402/2/8	1402/3/6	0	0																								
23	1.2.2.1.2	W.P.S & P.Q.R	0.04	30 days	1402/6/4	1402/7/2	0	0																								
24	1.2.2.1.3	SURFACE PREPARATION AND PAINTING PROCEDURE	0.04	30 days	1402/5/30	1402/6/28	0	0																								
25	1.2.2.1.4	NDE PROCEDURE	0.04	30 days	1402/3/15	1402/4/13	0	0																								
26	1.2.2.1.5	HYDROSTATIC/ PNEUMATIC TEST PROCEDURE	0.04	30 days	1402/3/15	1402/4/13	0	0																								
27	1.2.2.1.6	FAT PROCEDURE	0.06	30 days	1402/6/8	1402/7/6	0	0																								
28	1.2.2.1.7	SAT (PERFORMANCE TEST) PROCEDURE	0.06	30 days	1402/9/21	1402/10/20	0	0																								
29	1.2.2.2	Manual	0.05	30 days	1402/9/29	1402/10/28	0	0																								
30	1.2.2.2.1	INSTALLATION, OPERATION & MAINTENANCE MANUAL	0.05	30 days	1402/9/29	1402/10/28	0	0																								
31	1.2.3	Process	0.45	130 days	1402/2/9	1402/6/14	0	0																								
32	1.2.3.1	Calculation	0.04	30 days	1402/5/14	1402/6/12	0	0																								
33	1.2.3.1.1	CALCULATION NOTE FOR PSV SIZING	0.02	30 days	1402/5/14	1402/6/12	0	0																								
34	1.2.3.1.2	CALCULATION NOTE FOR CONTROL VALVE SIZING	0.02	30 days	1402/5/14	1402/6/12	0	0																								
35	1.2.3.2	Philosophy	0.05	30 days	1402/4/17	1402/5/15	0	0																								
36	1.2.3.2.1	CONTROL PHILOSOPHY	0.05	30 days	1402/4/17	1402/5/15	0	0																								
37	1.2.3.3	Drawing/Diagram	0.22	30 days	1402/2/9	1402/3/7	0	0																								
38	1.2.3.3.1	PF&D	0.02	30 days	1402/2/9	1402/3/7	0	0																								
39	1.2.3.3.2	P&ID DIAGRAMS	0.2	30 days	1402/2/9	1402/3/7	0	0																								
40	1.2.3.4	List	0.14	126 days	1402/2/13	1402/6/14	0	0																								
41	1.2.3.4.1	UTILITY CONSUMPTION LIST	0.04	30 days	1402/5/16	1402/6/14	0	0																								
42	1.2.3.4.2	EQUIPMENT LIST	0.07	30 days	1402/2/13	1402/3/11	0	0																								
43	1.2.3.4.3	RELIEF LOAD SUMMERY	0.03	30 days	1402/3/12	1402/4/10	0	0																								
44	1.2.4	Mechanical	0.76	265 days	1402/2/8	1402/10/27	0	0																								
45	1.2.4.1	Drawing/Diagram	0.46	172 days	1402/5/8	1402/10/27	0	0																								
46	1.2.4.1.1	COMPRESSOR PACKAGE GENERAL ARRANGEMENT DRAWING	0.23	30 days	1402/9/8	1402/10/7	0	0																								
47	1.2.4.1.2	CROSS SECTIONAL DRAWING	0.14	30 days	1402/9/28	1402/10/27	0	0																								
48	1.2.4.1.3	Shaft coupling assembly drawing and bill of material	0.09	30 days	1402/5/8	1402/6/6	0	0																								
49	1.2.4.2	Datasheet	0.3	30 days	1402/2/8	1402/3/6	0	0																								
50	1.2.4.2.1	DETAILED D/S/H FOR COMPRESSOR (API-618) WITH PERFORMANCE CURVES	0.3	30 days	1402/2/8	1402/3/6	0	0																								
51	1.2.5	Instrument	0.43	247 days	1402/3/12	1402/11/14	0	0																								
52	1.2.5.1	DATASHEETS	0.1	87 days	1402/3/12	1402/6/5	0	0																								
53	1.2.5.1.1	INSTRUMENT DATASHEETS / CERTIFICATES	0.02	30 days	1402/4/7	1402/5/5	0	0																								
54	1.2.5.1.2	DATASHEET FOR CONTROL/REGULATOR VALVES	0.02	30 days	1402/4/27	1402/5/25	0	0																								
55	1.2.5.1.3	DATASHEET FOR ON/OFF VALVES (IF ANY)	0.02	30 days	1402/5/4	1402/6/2	0	0																								
56	1.2.5.1.4	DATASHEET FOR SAFETY VALVES	0.02	30 days	1402/5/7	1402/6/5	0	0																								
57	1.2.5.1.5	CONTROL PANEL PARTS DATA SHEET/LICENCE LIST/ CERTIFICATES	0.02	30 days	1402/3/12	1402/4/10	0	0																								
58	1.2.5.2	List	0.1	160 days	1402/3/12	1402/8/17	0	0																								

[illegible]

Reciprocating Compressor Package Binak

ID	WBS	Task Name	w.f %	Duration	شروع	پایان	Plan Progress	Actual Progress	2023												2024															
									Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct					
119	I.3.1.11	Accessory & Miscellaneous	4.09	60 days	1402/10/17	1402/12/16	0	0																												
120	I.3.1.11.1	Supply of Material	2.86	10 days	1402/10/17	1402/10/26	0	0																												
121	I.3.1.11.2	Fabrication (w/Inspections) + Bare Block Shipment to Iran	1.23	50 days	1402/10/27	1402/12/16	0	0																												
122	I.3.2	Main Motors	10	270 days	1402/2/20	1402/11/14	0	0																												
123	I.3.2.1	Supply of Material	7	80 days	1402/2/20	1402/5/6	0	0																												
124	I.3.2.2	Fabrication (w/Inspections)	3	190 days	1402/5/7	1402/11/14	0	0																												
125	I.3.3	Lube Oil System	4.24	180 days	1402/6/9	1402/12/7	0	0																												
126	I.3.3.1	Supply of Material	2.97	70 days	1402/6/9	1402/8/17	0	0																												
127	I.3.3.2	Fabrication (w/Inspections)	1.27	110 days	1402/8/18	1402/12/7	0	0																												
128	I.3.4	Water Jacket Skid	4.76	180 days	1402/6/9	1402/12/7	0	0																												
129	I.3.4.1	Supply of Material	3.33	60 days	1402/6/9	1402/8/7	0	0																												
130	I.3.4.2	Fabrication (w/Inspections)	1.43	120 days	1402/8/8	1402/12/7	0	0																												
131	I.3.5	Snubber	1	85 days	1402/6/1	1402/8/24	0	0																												
132	I.3.5.1	Supply of Material	0.7	30 days	1402/6/1	1402/6/30	0	0																												
133	I.3.5.2	Fabrication (w/Inspections)	0.3	55 days	1402/6/31	1402/8/24	0	0																												
134	I.3.6	Instrument	2.1	85 days	1402/5/6	1402/7/28	0	0																												
135	I.3.6.1	Supply of Material	1.47	30 days	1402/5/6	1402/6/4	0	0																												
136	I.3.6.2	Fabrication (w/Inspections)	0.63	55 days	1402/6/5	1402/7/28	0	0																												
137	I.3.7	TSV-PSV	0.92	90 days	1402/6/13	1402/9/11	0	0																												
138	I.3.7.1	Supply of Material	0.64	30 days	1402/6/13	1402/7/11	0	0																												
139	I.3.7.2	Fabrication (w/Inspections & FAT)	0.28	60 days	1402/7/12	1402/9/11	0	0																												
140	I.3.8	LCP	0.92	90 days	1402/5/10	1402/8/7	0	0																												
141	I.3.8.1	Supply of Material	0.64	30 days	1402/5/10	1402/6/8	0	0																												
142	I.3.8.2	Fabrication (w/Inspections)	0.28	60 days	1402/6/9	1402/8/7	0	0																												
143	I.3.9	Gauge Board	0.2	30 days	1402/5/10	1402/6/8	0	0																												
144	I.3.9.1	Supply of Material	0.14	25 days	1402/5/10	1402/6/3	0	0																												
145	I.3.9.2	Fabrication (w/Inspections)	0.06	5 days	1402/6/4	1402/6/8	0	0																												
146	I.3.10	Cable	1.84	25 days	1402/8/29	1402/9/23	0	0																												
147	I.3.10.1	Supply of Material	1.29	10 days	1402/8/29	1402/9/8	0	0																												
148	I.3.10.2	Fabrication (w/Inspections)	0.55	15 days	1402/9/9	1402/9/23	0	0																												
149	I.3.11	Cable Tray	0.16	25 days	1402/9/19	1402/10/13	0	0																												
150	I.3.11.1	Supply of Material	0.11	10 days	1402/9/19	1402/9/28	0	0																												
151	I.3.11.2	Fabrication (w/Inspections)	0.05	15 days	1402/9/29	1402/10/13	0	0																												
152	I.3.12	UCP	7	90 days	1402/7/29	1402/10/28	0	0																												
153	I.3.12.1	Supply of Material	4.9	35 days	1402/7/29	1402/9/3	0	0																												
154	I.3.12.2	Fabrication (w/Inspections & FAT)	2.1	55 days	1402/9/4	1402/10/28	0	0																												
155	I.3.13	Main Control Valves	1.38	90 days	1402/6/13	1402/9/11	0	0																												
156	I.3.13.1	Supply of Material	0.97	30 days	1402/6/13	1402/7/11	0	0																												
157	I.3.13.2	Fabrication (w/Inspections)	0.41	60 days	1402/7/12	1402/9/11	0	0																												
158	I.3.14	Manual Valves	0.92	30 days	1402/10/13	1402/11/12	0	0																												
159	I.3.14.1	Supply of Material	0.68	10 days	1402/10/13	1402/10/22	0	0																												
160	I.3.14.2	Fabrication (w/Inspections)	0.24	20 days	1402/10/23	1402/11/12	0	0																												
161	I.3.15	Piping Material	1.8	48 days	1402/10/13	1402/11/30	0	0																												
162	I.3.15.1	Supply of Material	1.26	10 days	1402/10/13	1402/10/22	0	0																												
163	I.3.15.2	Fabrication (w/Inspections)	0.54	38 days	1402/10/23	1402/11/30	0	0																												
164	I.3.16	Collection Pot	0.5	90 days	1402/5/10	1402/8/7	0	0																												
165	I.3.16.1	Supply of Material	0.35	15 days	1402/5/10	1402/5/24	0	0																												
166	I.3.16.2	Fabrication (w/Inspections)	0.15	75 days	1402/5/25	1402/8/7	0	0																												
167	I.3.17	Strainer	0.5	90 days	1402/6/13	1402/9/11	0	0																												
168	I.3.17.1	Supply of Material	0.35	15 days	1402/6/13	1402/6/27	0	0																												
169	I.3.17.2	Fabrication (w/Inspections)	0.15	75 days	1402/6/28	1402/9/11	0	0																												
170	I.3.18	Main Skid(Assembly)	1.4	55 days	1402/12/8	1403/2/2	0	0																												
171	I.3.18.1	Supply of Material	0.84	5 days	1402/12/8	1402/12/12	0	0																												
172	I.3.18.2	Fabrication (w/Inspections) + Shipment to Site	0.56	50 days	1402/12/13	1403/2/2	0	0																												
173	I.4	SAT & Performance Test	3	120 days	1403/3/2	1403/6/28	0	0																												
174	I.4.1	Equipment Installation	2	90 days	1403/3/2	1403/5/29	0	0																												
175	I.4.2	SAT & Performance Test activities	1	30 days	1403/5/30	1403/6/28	0	0																												