

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های روزمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 1 از 18	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

طرح نگهداشت و افزایش تولید 27 مخزن

PMR FOR SAMPLING CONNECTION SET – W018S

نگهداشت و افزایش تولید میدان نفتی بینک

D01	OCT. 2022	IFI	M.Noori	M.Fakharian	M.Mehrshad	
D00	FEB. 2022	IFI	A.KH	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue/Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class: 3

CLIENT Doc. Number: F0Z-707482

Status:

IDC: Inter-Discipline Check
 IFC: Issued For Comment
 IFA: Issued For Approval
 AFD: Approved For Design
 AFC: Approved For Construction
 AFP: Approved For Purchase
 AFQ: Approved For Quotation
 IFI: Issued For Information
 AB-R: As-Built for CLIENT Review
 AB-A: As-Built –Approved

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های روزمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 2 از 18	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

REVISION RECORD SHEET

PAGE	D00	D01	D02	D03	D04
1	X	X			
2	X	X			
3	X				
4	X				
5	X				
6	X	X			
7	X	X			
8	X	X			
9	X				
10	X				
11	X	X			
12	X	X			
13	X	X			
14	X	X			
15	X	X			
16	X	X			
17	X	X			
18	X				
19	X				
20	X				
21	X				
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					

PAGE	D00	D01	D02	D03	D04
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95					
96					
97					
98					
99					
100					
101					
102					
103					
104					
105					
106					
107					
108					
109					
110					
111					
112					
113					
114					
115					
116					
117					
118					
119					
120					
121					
122					
123					
124					
125					
126					
127					
128					
129					
130					

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 3 از 18	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

CONTENTS

1.0	INTRODUCTION	4
2.0	GENERAL	5
3.0	REFERENCE / ATTACHED DOCUMENTS.....	5
4.0	SUBJECT OF THE SUPPLY	6
5.0	LIMITS OF SUPPLY	6
5.1	SCOPE OF SUPPLY.....	6
5.1.1	MAIN DESCRIPTION	6
5.1.2	SPARE PARTS.....	7
5.1.3	OTHER ITEMS	7
5.2	EXCLUSIONS	8
5.3	BATTERY LIMITS.....	8
6.0	INSPECTION AND TESTS	8
7.0	VENDOR DOCUMENTATION REQUIREMENTS & SCHEDULE	8
8.0	UNIT RESPONSIBILITY	9
9.0	GUARANTEE AND WARRANTY	9
10.0	DEVIATION.....	10
11.0	PRICE BREAKDOWN	10
	ATTACHMENT 1	11
11.1	LIST OF REFERENCE / APPLICABLE DOCUMENTS	11
	ATTACHMENT 2.....	12
11.2	VENDOR DOCUMENTS MIN. REQUIREMENT	12
	ATTACHMENT 3.....	17
11.3	DEVIATIONS / EXCEPTIONS TO JOB SPECIFICATION.....	17
	ATTACHMENT 4.....	18
11.4	ALTERNATIVES TO JOB SPECIFICATION.....	18

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 4 از 18	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

1.0 INTRODUCTION

Binak oilfield in Bushehr province is a part of the southern oilfields of Iran, is located 20 km northwest of Genaveh city.

With the aim of increasing production of oil from Binak oilfield, an EPC/EPD Project has been defined by NIOC/NISOC and awarded to Petro Iran Development Company (PEDCO). Also PEDCO (as General Contractor) has assigned the EPC-packages of the Project to "Hirgan Energy - Design and Inspection" JV.

As a part of the Project, a New Gas Compressor Station (adjacent to existing Binak GCS) shall be constructed to gather of 15 MMSCFD (approx.) associated gases and compress & transfer them to Siahmakan GIS.

GENERAL DEFINITION

The following terms shall be used in this document.

CLIENT:	National Iranian South Oilfields Company (NISOC)
PROJECT:	Binak Oilfield Development – Surface Facilities; New Gas Compressor Station
EPD/EPC CONTRACTOR (GC):	Petro Iran Development Company (PEDCO)
EPC CONTRACTOR:	Joint Venture of : Hirgan Energy – Design & Inspection (D&I) Companies
VENDOR:	The firm or person who will fabricate the equipment or material.
EXECUTOR:	Executor is the party which carries out all or part of construction and/or commissioning for the project.
THIRD PARTY INSPECTOR (TPI):	The firm appointed by EPD/EPC CONTRACTOR (GC) and approved by CLIENT (in writing) for the inspection of goods.
SHALL:	Is used where a provision is mandatory.
SHOULD:	Is used where a provision is advisory only.
WILL:	Is normally used in connection with the action by CLIENT rather than by an EPC/EPD CONTRACTOR, supplier or VENDOR.
MAY:	Is used where a provision is completely discretionary.

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>							
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 5 از 18
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	W018S	PEDCO	110	PI	MR	0007	D01

2.0 GENERAL

- This document presents the item material requisitions for Contractor's use as appropriate.
- This material requisition covers the requirements for the design, manufacturing, testing and supply of SAMPLING CONNECTION as listed below. All equipment/devices/items shall conform to this requisition and all specifications which have been mentioned in attachment 1 of this material requisition.
- The vendor's supply shall include:

TABLE – 1

LIST OF SAMPLING CONNECTION

No.	Item	Description	Total QTY.
1	SAMPLING CONNECTION	Size 1", SEE DETAIL "B" OF S4L-8001 NACE MR 0175/ISO15156 SHALL BE CONSIDERED FOR ALL MATERIALS	2

3.0 REFERENCE / ATTACHED DOCUMENTS

- Specified documents in attachment 1 shall be considered as a part of this material Requisition.
- All codes and standards which have been referenced in above mentioned specs shall be considered.
- In case of any conflict between the contents of this document or any discrepancy between this document and other project documents or reference standards, this issue must be reported to the CLIENT. The final decision in this situation will be made by CLIENT.
- Deviations

Any exceptions/clarifications to codes/standards and specifications listed in attachment 1 must be clearly stated in a separate dedicated section of the proposal in the format submitted in attachment 3.

The proposed deviations/comments list shall include as minimum:

- Reference for the involved specification, chapter and paragraph.
- Technical justification for the non-compliance.
- Detailed description of the proposed alternative.

If no exceptions or clarifications exist, either for the complete referenced document or an individual paragraph, the supplier shall be considered to be in full compliance with the relevant document.

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان:	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 6 از 18	
053 – 073 – 9184	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

The supplier may propose materials of equivalent or better quality compared to those indicated in the equipment data sheet. Even these cases shall be duly included/technically supported in the deviations/clarifications list.

4.0 SUBJECT OF THE SUPPLY

The supplier shall supply all items listed in “TABLE - 1”. The scope of supply is detailed at para. 5. The supplier shall include in the supply, all other equipment/devices/items not listed in the following, but necessary for a good design and a safe operation, taking into account process data and installation conditions such as area classification and climatic conditions.

The grade of shop assembly of the equipment/devices/items supplied shall be at maximum extent to facilitate site erection and pre-commissioning activities.

5.0 LIMITS OF SUPPLY

5.1 SCOPE OF SUPPLY

5.1.1 MAIN DESCRIPTION

The scope of supply includes items listed in “TABLE - 1”.

The supplier shall assume overall responsibility for the design, manufacture, assembly, test and performance of all equipment/devices/items supplied as indicated in this requisition. This shall include, but not be limited to:

- Resolve engineering issues relating to equipment/devices/items within the scope of supply.
- Provide detailed design and documentation of all equipment/devices/items and components within the scope of supply in accordance with attachment 2 of this document.
- Provide all necessary information documents in order to allow the contractor to erect, install and verify the proposed equipment/devices/items.
- Implement a quality assurance plan
- The quality plan applied to the scope of supply shall include:
 - QA/QC organization chart and procedures that shall be submitted for approval.
 - Plan for HOLD points in the production process proposed to PURCHASER for witness or approval particular activities.
 - Production schedule indicating main quality manufacturing processes, inspection and tests.
 - Qualification of all personnel performing tests to be reviewed by the inspector
 - Supplier shall also provide the description of the following quality activities:

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های روزمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 7 از 18	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007	D01	

- Sub suppliers products quality
- Quality check and identification of the materials and equipment entering in their manufacturing shop.

- Calibration of test instruments and equipment
- Provide detailed specifications and data sheets.

5.1.2 SPARE PARTS

Following items shall be considered (supplied) and included in the bid documentation:

- Spare parts for commissioning and start-up; a qualified and complete list based on PROJECT SPARE PART SUPPLY PROCEDURE (Doc. No. E&D-QC-SP-1).
- Spare parts for two years operation; a qualified and complete list based on PROJECT SPARE PART SUPPLY PROCEDURE (Doc. No. E&D-QC-SP-1).
- Capital spare parts (as option / if any)

5.1.3 OTHER ITEMS

- No protection, paint or filling shall be applied to the subject materials, before they have been inspected and successfully tested, and approved by purchaser's inspector. After approval and before dispatching, each part of the subject materials shall be thoroughly cleaned and appropriately protected and packed in accordance with the requirements of purchaser / shipper /carriers, and suitably for prolonged storage.
- Any technical information and data (specifications, drawings, etc.), furnished with the requisition, shall be returned to purchaser, after the successful bidder is announced.
- Packing materials cases shall be included in the proposed price, and are property of purchaser.
- In the event of any conflict of information, clarification in writing shall be obtained from the purchaser.
- Each piece or items of piping material shall be covered by DIN standard no. DIN 50049 / BS EN 10204 / ISO 10474, Type 3.2 certificate (or certificates). The vendor shall submit type 3.2 material certificates giving the results of the chemical analysis and of the mechanical tests carried out in accordance with the requirements of the reference codes and standards.
- Carbon steel materials shall be impact tested and heat treated according to relevant project specifications.
- All Materials specified with NACE shall meet the requirements of Sour Services. Sour services' materials shall meet the requirement of NACE MR-0175/ISO 15156 standard. All materials under sour conditions shall be tested and resistant to HIC and SSCC according to circumstances of relevant project specification.
- Sampling connection drawings including Full Data Such as Code, Material, Description, Size, QTY, Dimensions etc. shall be submitted to Purchaser for confirmation and approval before manufacturing.
- All surfaces of all sampling connections shall be painted according to project "Specification for Painting Doc. No. BK-GNRAL-PEDCO-000-PI-SP-0006" at vendor shop.

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های روزمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>							
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 8 از 18
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	W018S	PEDCO	110	PI	MR	0007	D01

5.2 EXCLUSIONS

The following items are excluded by the supplier scope of supply and will be provided by purchaser:

- No exclusion is applicable.

5.3 BATTERY LIMITS

The battery limits are summarized as follows:

- No battery limit is applicable.

6.0 INSPECTION AND TESTS

The equipment shall be inspected and tested in accordance with the quality control plan issued by the supplier and approved by the PURCHASER before the award of the order. The QC plan shall at least be according to the **Commodity Procurement and Manufacturing Inspection Instruction - ICE-EID-MI-SP01-Rev.01"** and data sheets (if any).

The supplier shall in any case conduct all the tests required by contractual documents, specifications, codes and standards, manufacturer standard quality system and keep the relevant documentation.

7.0 VENDOR DOCUMENTATION REQUIREMENTS & SCHEDULE

- Vendor document shall be according to attachment 2 of this document.
- All documents, preliminary or final, are to be stamped and signed by the supplier.
- Failure in dispatch of the required documents shall cause the supply to be considered as unfulfilled.
- PURCHASER's approval does not relieve vendor, in any way, from his obligation to fulfill the requirements of the purchase order documents.
- All vendor drawings and documents shall be in English language.

All drawings and documents are to be identified as per clause 1 **"GENERAL DEFINITION"**

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان:	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 9 از 18	
053 – 073 – 9184	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

8.0 UNIT RESPONSIBILITY

VENDOR shall be responsible for the design, engineering, co-ordination, supply, delivery, testing, final check-out and satisfactory operation of the equipment/devices/items. The engineering coordination also includes responsibility for handing and expediting drawings.

Also VENDOR shall be responsible for ensuring that all relevant information and documentation is passed on the sub-suppliers.

9.0 GUARANTEE AND WARRANTY

All material and Equipment/Devices/Items in VENDOR's scope of work/supply shall be guaranteed by VENDOR.

The guarantee period shall be eighteen (18) months from the date of delivery and/or twelve (12) months from the installation date of each equipment/packages at site

VENDOR shall guarantee the performance of supplied items (if any).

VENDOR shall guarantee that the Equipment/Device/Item is suitable for the operating conditions herein specified, and that all materials and components are free from any defects; verifications of all calculations are in VENDOR's responsibility.

VENDOR shall unconditionally guarantee the materials and workmanship of all material and/or services. If, within the guarantee period, any defects occur which are due to faulty material and/or services included in his scope (design, manufacturing, inspection, testing, supply & etc.), VENDOR shall, at his own expense, repair or adjust the condition, or replace the material and/or services to the complete satisfaction of CLIENT's representative. These repairs, replacement or adjustments shall be made only at such time as will be least detrimental to the operation of the CLIENT's business.

VENDOR warrants promptly repairing or replacing the defective parts in the warranty period.

Vendor shall ensure a correct and safe operation of the unit, providing all safety protection Devices.

Vendor shall be responsible for the safe, reliable, continuous functioning of the Equipment/Devices/Items.

VENDOR is fully responsible for the design of package for correct and safe operation based on project requirement during package life time; therefore, VENDOR shall specify any documents/specifications which may be required for design, manufacture and finalizing of Equipment/Devices/Items to avoid any problems during the package operation at site before P.O; otherwise, VENDOR shall be hold responsible for any corresponding deviation from expectations from the Equipment/Devices/Items.

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های روزمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>							
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 10 از 18
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	
	BK	W018S	PEDCO	110	PI	MR	0007	D01

10.0 DEVIATION

VENDOR's proposal shall be prepared in strict compliance with the requirements set forth in the relevant specifications of tender documents.

VENDOR shall include in his proposal the statement of compliance with the tender documents should VENDOR wish to submit exception to the requirements of tender documents. They shall be submitted for PURCHASER's approval.

11.0 PRICE BREAKDOWN

Breakdown price of following items shall be included in the proposal, as well as total price.

- 1) Material and Fabrication for each Section Separately
- 2) Pre-commissioning & commissioning spare parts (END-QC-SP-1)
- 3) 2 years operational spare parts (END-QC-SP-1)
- 4) Packing & transportation
- 5) Other fee (if any)

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 11 از 18	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

ATTACHMENT 1

11.1 LIST OF REFERENCE / APPLICABLE DOCUMENTS

No.	Document No.	Document Title	Rev.
Piping			
1	S4L-8001	PRODUCTION FACILITIES STANDARD DRAWING 3000API RATING	D
2	S8L-8001	MATERIAL TAKE OFF SHEET	B
3	BK-GNRL-PEDCO-000-PI-SP-0006	SPECIFICATION FOR PAINTING	D04
4	BK-GNRL-PEDCO-000-PI-SP-0011	SPECIFICATION FOR WELDING OF PLANT PIPING SYSTEM	D00
5	BK-GNRL-PEDCO-000-PI-SP-0004	SPECIFICATION FOR METALLIC PIPES	D05
6	BK-GNRL-PEDCO-000-PI-SP-0005	SPECIFICATION FOR FITTINGS, FLANGES, GASKETS AND BOLTS	D02
7	BK-GNRL-PEDCO-000-PI-SP-0009	SPECIFICATION FOR MANUAL VALVES	D00
8	BK-SSGRL-PEDCO-110-PI-SP-0001	PIPING MATERIAL SPECIFICATION	D02
9	BK-GNRL-PEDCO-000-PI-SP-0002	SPECIFICATION FOR TRANSPORTATION, HANDLING, STORAGE OF PIPES	D01
10	BK-GNRL-PEDCO-000-QC-PR-0045	PACKING, MARKING, TRANSPORTATION PROCEDURE	D00
11	BK-GNRL-PEDCO-000-QC-PR-0022	SPECIFICATION FOR FINAL DATA BOOK (FDB) REQUIREMENTS	D00
General			
12	ICE-EID-MI-SP01-Rev01	دستورالعمل بازرسی، خرید و ساخت کالا	-
13	ICE-EID-MI-SP02-Rev01	دستورالعمل انتخاب سطح بازرسی کالا و تجهیزات	-
14	E&D-QC-SP-1	دستورالعمل تامین قطعات یدکی راه اندازی و راهبری دو سالانه	-

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S								شماره صفحه : 12 از 18
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	W018S	PEDCO	110	PI	MR	0007	D01	

ATTACHMENT 2

11.2 VENDOR DOCUMENTS MIN. REQUIREMENT

Item No.	Document	With Bid	TIME SCHEDULE			
			For Review		Final Issue	
		Copies No./Type (7)	Copies No./Type (1)	Solar days (2)	Copies No./Type (1)	Calendar days (3)
MANAGEMENT						
001	Vendor Document Index and Schedule (See attachment 2)	4N	6C+E		6C+E	
002	Organization Brief	3N	6C+E			
003	Schedule Level 1, 2, 3 & 4 showing Engineering, Procurement, Fabrication, Inspection, Testing, and Delivery Plan.	4N	6C+E		6C+E	
004	Physically Progress Report (Every 2 Weeks))		6C+E			
005	Project Organization Chart	3N	6C+E			
006	Reference List	3N				
007	Vendor Catalogue	3N				
QUALITY						
008	Quality Assurance Manual /Quality Management System Certificate (according to latest rev. of ISO)	4N			6C+E	
009	Preliminary Inspection and Test Plan	4N				
010	Inspection and Test Plan		6C+E		6C+E	
HSE						
011	HSE Procedure		6C+E		6C+E	
INTERFACE						
014	Package Data Sheets	4N	6C+E		6C+E	
015	General Arrangements Drawings	4N	6C+E		6C+E	
016	Equipment List	3N	6C+E		6C+E	

	<p>نگهداشت و افزایش تولید میدان نفتی بینک فعالیت های رو زمینی در بسته های کاری تحت الارض ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی مربوط به موقعیت W018S</p>								
شماره پیمان: 053 - 073 - 9184	PMR FOR SAMPLING CONNECTION SET – W018S								شماره صفحه : 13 از 18
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	W018S	PEDCO	110	PI	MR	0007	D01	

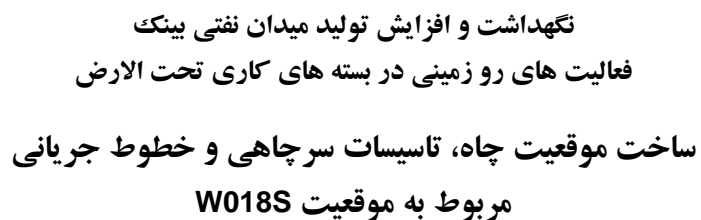
Item No.	Document	With Bid	TIME SCHEDULE			
			For Review		Final Issue	
		Copies No./Type (7)	Copies No./Type (1)	Solar days (2)	Copies No./Type (1)	Calendar days (3)
017	Weight / Centre of Gravity Drawings & Data's		6C+E		6C+E	
018	External Static and Dynamic Forces & Moments (present during test, start-up, normal/maximum operation, shutdown, and other conditions of service)		6C+E		6C+E	
019	Wind and Seismic Loads including shear and moment forces on supports and foundation.		6C+E		6C+E	
ENGINEERING						
020	Detailed Overall Description		6C+E		6C+E	
021	Cross Sectional Drawings with Part Lists		6C+E		6C+E	
022	Assembly Drawings		6C+E		6C+E	
023	Piping Detailed Specifications (one per component)		6C+E		6C+E	
024	Approximate Weight & Dimension	4N				
025	Shipping Detail Drawing		6C+E		6C+E	
026	Final Data Book		6C+E		6C+E	
027	Completed Equipment Datasheets	4N	6C+E		6C+E	
PROCUREMENT						
028	List of Sub-Suppliers (table giving: part of equipment, tag no., sub-supplier reference)(5.1.3)	4N			6C+E	
029	Unpriced copy of sub-orders		6C+E			
MANUFACTURING						
030	Weld and NDT Map		6C+E		6C+E	
031	Surface Preparation and Painting Procedures		6C+E		6C+E	
032	Heat Treatment Procedures		6C+E		6C+E	
033	Welding Procedure Specification (including repair procedures).		6C+E		6C+E	
034	Welder Qualification Procedure		6C+E		6C+E	
035	Fabrication Degree	3N				

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 - 073 - 9184	PMR FOR SAMPLING CONNECTION SET – W018S								شماره صفحه : 14 از 18
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	W018S	PEDCO	110	PI	MR	0007	D01	

Item No.	Document	With Bid	TIME SCHEDULE			
			For Review		Final Issue	
		Copies No./Type (7)	Copies No./Type (1)	Solar days (2)	Copies No./Type (1)	Calendar days (3)
TESTING						
036	Hydrostatic / Pneumatic Testing Procedure		6C+E		6C+E	
037	Non-Destructive Testing/Examination Procedures		6C+E		6C+E	
038	Factory Acceptance Test (FAT) Procedure		6C+E		6C+E	
RECORDS, REPORTS & CERTIFICATES						
039	Material Conformity Certificate		6C+E		6C+E	
040	Testing Authority Approval Certificate (if any)		6C+E		6C+E	
041	Conformity Certificates (sub-supplier/equipment)		6C+E		6C+E	
042	Material Certificates Identification Diagram. (cross-reference material location ; certificates for critical components)		6C+E		6C+E	
043	Welding Procedure Qualification Record		6C+E		6C+E	
044	Welder Qualification Records.		6C+E		6C+E	
045	NDT Operator Qualifications		6C+E		6C+E	
046	Detailed NDT Reports		6C+E		6C+E	
047	Weld/ NDT Identification Diagram. (Cross-reference weld locations, WPS, welders, NDT reports).		6C+E		6C+E	
048	Dimensional Control Reports		6C+E		6C+E	
049	Hardness Test Reports		6C+E		6C+E	
050	PWHT Charts & Reports, including calibration records of recorders (for each heat treatment)		6C+E		6C+E	
051	Pressure Test Reports / Certificates		6C+E		6C+E	
052	FAT Test Report / Certificates		6C+E		6C+E	
053	Surface Preparation & Coating Reports		6C+E		6C+E	
054	Hydrostatic / Pneumatic Testing Certificates		6C+E		6C+E	

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 - 073 - 9184	PMR FOR SAMPLING CONNECTION SET – W018S								شماره صفحه : 15 از 18
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	W018S	PEDCO	110	PI	MR	0007	D01	

Item No.	Document	With Bid	TIME SCHEDULE			
			For Review		Final Issue	
		Copies No./Type (7)	Copies No./Type (1)	Solar days (2)	Copies No./Type (1)	Calendar days (3)
055	Welding Consumable Certificate		6C+E		6C+E	
056	Inspection and Test Reports(if any)		6C+E		6C+E	
057	Non-Conformities Report		6C+E		6C+E	
INSTALLATION						
058	Sub-Assembly Documentation		6C+E		6C+E	
059	Sub-Assembly Drawings		6C+E		6C+E	
060	Erection/Installation Manual (if required)		6C+E		6C+E	
061	Name Plate Documents		6C+E		6C+E	
062	Handling, Transportation & Storage Instructions		6C+E		6C+E	
063	Unpacking & Inspection Instructions		6C+E			
064	Preliminary Packing List	4N				
065	Packing List		6C+E		6C+E	
OPERATION & MAINTENANCE						
066	Operating Instructions		6C+E		6C+E	
067	Maintenance Instructions (if required)		6C+E		6C+E	
068	Commissioning & Start-up Manual		6C+E		6C+E	
069	List of Spare Parts Commissioning & Start-up	4N	6C+E		6C+E	
070	List of Spare Parts 2 Years Operation	4N	6C+E		6C+E	
071	List of Special Tools	4N	6C+E		6C+E	
072	Lube Oil Schedule		6C+E		6C+E	
073	Software Manual (incl. Troubleshooting)		6C+E		6C+E	
074	Consumables List		6C+E		6C+E	
OTHERS						
075	All others documents (if required) will be listed in the order		6C+E			



شماره صفحه : 16 از 18

شماره پیمان:

053-073-9184

PMR FOR SAMPLING CONNECTION SET – W018S

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D01	0007	MR	PI	110	PEDCO	W018S	BK

Item No.	Document	With Bid	TIME SCHEDULE			
			For Review		Final Issue	
		Copies No./Type (7)	Copies No./Type (1)	Solar days (2)	Copies No./Type (1)	Calendar days (3)

NOTES:

- (1) N= Number of document, C=Copy, E=Electronic Copy
- (2) Starting from date of order placement
- (3) Starting from reception of documentation without comments
- (4) First issue of the document is subjected to the release of payment milestone as per purchase order
- (5) Calendar days after reception of drive data
- (6) Prior to testing
- (7) One copy each bid copy

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 17 از 18	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

ATTACHMENT 3

11.3 DEVIATIONS / EXCEPTIONS TO JOB SPECIFICATION

Requisition No.:

Description:

Equipment No.:

Item No.	Description of proposed exception	Recommended revision to job specification	Reason for proposed exception	Effect on base proposal if CONTRACTOR rejects exception

	<p>نگهداشت و افزایش تولید میدان نفتی بینک</p> <p>فعالیت های رو زمینی در بسته های کاری تحت الارض</p> <p>ساخت موقعیت چاه، تاسیسات سرچاهی و خطوط جریانی</p> <p>مربوط به موقعیت W018S</p>								
شماره پیمان: 053 – 073 – 9184	PMR FOR SAMPLING CONNECTION SET – W018S							شماره صفحه : 18 از 18	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	W018S	PEDCO	110	PI	MR	0007		D01

ATTACHMENT 4

11.4 ALTERNATIVES TO JOB SPECIFICATION

Requisition No.:

Description:

Equipment No.:

Item No.	Job Specification No. & Paragraph No.	Requirements of Job Specification	Description of Proposed Alternative	Reason for Proposed Alternative