

 NISOC	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	MTO FOR RADIO							شماره صفحه: ۱ از ۵	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	GCS	PEDCO	120	TE	MT	0005	D02	

طرح نگهداشت و افزایش تولید ۲۷ مخزن

MTO FOR RADIO

نگهداشت و افزایش تولید میدان نفتی بینک

D02	Nov. 2022	FI	H.Shakiba	M.Fakharian	M.Mehrshad	
D01	Jan. 2022	IFI	H.Shakiba	M.Fakharian	M.Mehrshad	
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Class:3

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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

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REVISION RECORD SHEET

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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 CLIENT (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 COMPANY (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.

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2.0 SCOPE

This document covers minimum necessary requirements for the design, selection, manufacture, inspection, testing and delivery of **VHF Radio packages and Tower**.

It shall be used in conjunction with data/requisition sheets for present document subject.

3.0 MATERIAL TAKE OFF FOR VHF RADIO AND TOWER

VHF RADIO SYSTEM MTO			
ITEM	DESCRIPTION	QTY	Remark
1	Radio Handheld , VHF (136 - 174 MHz) With Accessories as mentioned in data sheet such as antenna , leather carrying case,.. , suitable for EX area , IS Type	6	
2	Vehicular VHF Radio ,VHF (136 - 174 MHz) With Accessories (Microphone,..) and accessories for installation at car	4	
2.1	Antenna for Vehicular Radio With Accessories	4	
3	Battery For Handheld Battery Cell: NiMH Reusability: Rechargeable Battery Capacity: 1450 Milliamp Hours	6	
4	Charger For Handheld (Minimum 6 BAY) Compatible Chemistries :Ni-CD / Ni-MH / Li-Ion / Li-Polymer Power Supply Input: 100V - 240V AC / 50 Hz - 60 Hz / 2.2A (max)	1	
5	Telecom Radio Tower , 50 Meter , 4 Legs , Self-support, with foundation , earth , lightening system , warning light , required accessories that mentioned in data sheet	1	

Note;

- The Radio Base station in Binak site is exist from Motorola Manufacture.
- The required Model for radio handset and mobile radio shall be compatible with main exist base system.
- The detail installation of telecom tower shall be submitted before PO by vendor To review and approval of owner.
- The Exist Telecom tower in binak site shall be removed and all its equipment shall be moved to new tower.
- The required 2 years spare part list have been mentioned in MR For radio system .