



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

MTO FOR TELECOM EQUIPMENT

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D03	0003	MT	TE	120	PEDCO	GCS	BK

شماره صفحه: ۱ از ۶

طرح نگهداشت و افزایش تولید ۲۷ مخزن

MTO FOR TELECOM EQUIPMENT

نگهداشت و افزایش تولید میدان نفتی بینک

D03	May.2024	FI	H.Shakiba	M.Fakharian	S.Faramarzpour	
D02	Feb.2023	FI	H.Shakiba	M.Fakharian	M.Mehrshad	
D01	Sep. 2022	IFI	H.Shakiba	M.Fakharian	M.Mehrshad	
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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

 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>																	
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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 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.

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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 **Telephone & Hotline Set** as listed below.

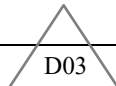
The supplier shall supply Telephone System. The supplier shall include in the supply, all other equipment/devices/items not listed in the following, but necessary for a good design and a safe operation, taking into account process data and installation conditions such as area classification and climatic 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.

3.0 BILL OF MATERIAL LIST

Item	Description	Design QTY.	Unit	Remark
1	Analogue extension line : 20 Line analogue Extension (Main PABX is Alcatel band That installed in TE Room)	1	Set	Extension of Exist Alcatel Omni PCX Enterprise ACT14 PABX at Telecom building
2	License + Upgrade software of Exist PABX At CGS (if required)	1	Set	Upgraded to ACT28.
3	3 Bokht , 50 Pairs MDF/IDF Terminal 0.8 mm (building side) +50 pair 0.8 mm filed side	2	Set	<u>For both side</u>
4	Weatherproof Telephone set, IP 65, with keypad and handset + Combined beacon& sounder	4	Set	For outdoor of Electrical Building + CGS Area
5	Explosion-Proof ,IP65 Telephone, EEX e -IIB T3 II2 GD, Telephone with handset keypad + EX Combined beacon& sounder	2	Set	
6	H.D.G Telephone Kiosk , 25dB Decrease of noise	6	Set	

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7	2.5 Meter H.D.G Pole	6	Set	
8	EX Telephone Signal Junction Box (10x10 cm) with 5 Pair Terminal 0.8 mm , IP 65 , Metallic Body+ 3xM20 Gland	2	Set	
9	Weather Proof Telephone Signal Junction Box (10x10 cm) with 5 Pair Terminal 0.8 mm , IP 65 , Metallic Body+ 3xM20 Gland	4	Set	
10	EX Telephone Power Junction Box (10x10 cm) with 2 No Terminal 3x2.5 mm2 , IP 65 , Metallic Body+3xM20 Gland	2	Set	JB For flasher
11	WP Telephone Power Junction Box (10x10 cm) with 2 Terminal 3x2.5 mm2 , IP 65 , Metallic Body+3xM20 Gland	4	Set	JB For flasher
12	Hotline Telephone Set + Red Kiosk +IP 65 Red Color without keypad	3	Set	
13	Telephone Cable, 50 pair 0.8 mm , CFC Type , Armored	60	Meter	
14	Telephone Cable, 5 pair 0.8 mm , CFC Type , Armored , LS Type	2600	Meter	D03
15	Telephone Cable, 10 pair 0.8 mm , CFC Type , Armored , LS Type	200	Meter	GCS Ware House & CCB MDF
16	Power Cable , 3x2.5 mm2 , Armored	1600	Meter	For flash light of telephone set
17	Indoor digital telephone set , Desk mounted Compatible with Alcatel telephone PABX	5	Set	For CCR
18	RJ 11 Telephone Socket , Flush Mounted	14	Set	For CCR
19	2 Pair 0.6 mm Indoor telephone Cable , LSZH	700	Meter	For CCR
20	Indoor Industrial Wall Mounted Telephone , IP55, KIOSK	3	Set	Indoor GCS Ware House
21	INDOOR TELEPHONE TERMINAL BOX WITH 1X20 CABLE GLAND BOTTOM AND (3XM20)TOP, IP 42	1	Set	Indoor GCS Ware House

Telephone line in CGS Will be connected to New Telephone MDF of new Control building and then routed to MDF of Exist PABX at Telecom room via **50 pair 0.8** CU/PVC/SWA telephone cable.