

 NISOC	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							 شرکت توسعه و ترابریان 	
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	MTO FOR TELECOM EQUIPMENT							شماره صفحه: ۱ از ۶	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	GCS	PEDCO	120	TE	MT	0003	D02	

طرح نگهداشت و افزایش تولید ۲۷ مخزن

MTO FOR TELECOM EQUIPMENT

نگهداشت و افزایش تولید میدان نفتی بینک

D02	Feb.2023	FI	H.Shakiba	M.Fakharian	M.Mehrshad	
D01	Sep. 2022	IFI	H.Shakiba	M.Fakharian	M.Mehrshad	
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Class: 3

Client Doc. Number: F8Z-709095

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 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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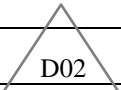
2.0 GENERAL

- 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 PABX at Telecom building
2	License + Upgrade software of Exist PABX At CGS (if required)	1	Set	
3	3 Bokht , 50 Pairs MDF/IDF Terminal 0.6 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	
7	2.5 Meter H.D.G Pole	6	Set	

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8	EX Telephone Junction Box (10x10 cm) with 5 Pair Terminal 0.8 mm, , IP 65 , Metallic Body+ 3xM20 Gland	2	Set	
9	Weather Proof Telephone Junction Box (10x10 cm) with 5 Pair Terminal 0.8 mm, , IP 65 , Metallic Body+ 3xM20 Gland	7	Set	
10	EX Telephone 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 Junction Box (10x10 cm) with 2 Terminal 3x2.5 mm2, , IP 65 , Metallic Body+3xM20 Gland	7	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	
15	Power Cable , 3x2.5 mm2 , Armored	1600	Meter	For flash light of telephone set
16	<u>Indoor digital telephone set</u> , Desk mounted Compatible with Alcatel telephone set	15	Set	For CCR and switchgear room
17	RJ 11 Telephone Socket , Flush Mounted	14	Set	For CCR
18	2 Pair 0.6 mm Indoor telephone Cable , LSZH	400	Meter	For CCR

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.

