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| <br>NISOC | <p>نگهداشت و افزایش تولید میدان نفتی بینک<br/>سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p> |           |            |         |      |          |       |  |      |
| شماره پیمان:<br><br>۰۵۳ - ۰۷۳ - ۹۱۸۴                                                       | TBE FOR ESD SYSTEM                                                                                               |           |            |         |      |          |       | شماره صفحه: ۱ از ۵                                                                  |      |
|                                                                                            | پروژه                                                                                                            | بسته کاری | صادر کننده | تسهیلات | رشته | نوع مدرک | سریال |                                                                                     | نسخه |
|                                                                                            | BK                                                                                                               | GCS       | PEDCO      | 120     | IN   | TB       | 0002  | D02                                                                                 |      |

## طرح نگهداشت و افزایش تولید ۲۷ مخزن

### TBE FOR ESD SYSTEM

#### نگهداشت و افزایش تولید میدان نفتی بینک

|      |           |                         |               |             |                |                 |
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| D02  | JUL. 2024 | IFI                     | P.Hajisadeghi | M.Fakharian | M.Sadeghian    |                 |
| D01  | SEP. 2023 | IFI                     | P.Hajisadeghi | M.Fakharian | S.Faramarzpour |                 |
| D00  | JUN. 2023 | IFI                     | P.Hajisadeghi | M.Fakharian | A.M.Mohseni    |                 |
| Rev. | Date      | Purpose of Issue/Status | Prepared by:  | Checked by: | Approved by:   | CLIENT Approval |

Class:3

CLIENT Doc. Number: F0Z-709270

#### 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

| <br>NISOC | <p>نگهداشت و افزایش تولید میدان نفتی بینک<br/>سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>                                                                                                                                                                                              |  |      |         |            |           |       |  |  |      |       |          |      |         |            |           |       |     |      |    |    |     |       |     |    |                    |
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| شماره پیمان:<br>۰۵۳ - ۰۷۳ - ۹۱۸۴                                                           | <table><tr><th colspan="8">TBE FOR ESD SYSTEM</th></tr><tr><th>نسخه</th><th>سریال</th><th>نوع مدرک</th><th>رشته</th><th>تسهیلات</th><th>صادر کننده</th><th>بسته کاری</th><th>پروژه</th></tr><tr><td>D02</td><td>0002</td><td>TB</td><td>IN</td><td>120</td><td>PEDCO</td><td>GCS</td><td>BK</td></tr></table> | TBE FOR ESD SYSTEM                                                                  |      |         |            |           |       |  |  | نسخه | سریال | نوع مدرک | رشته | تسهیلات | صادر کننده | بسته کاری | پروژه | D02 | 0002 | TB | IN | 120 | PEDCO | GCS | BK | شماره صفحه: ۲ از ۵ |
| TBE FOR ESD SYSTEM                                                                         |                                                                                                                                                                                                                                                                                                               |                                                                                     |      |         |            |           |       |  |  |      |       |          |      |         |            |           |       |     |      |    |    |     |       |     |    |                    |
| نسخه                                                                                       | سریال                                                                                                                                                                                                                                                                                                         | نوع مدرک                                                                            | رشته | تسهیلات | صادر کننده | بسته کاری | پروژه |  |  |      |       |          |      |         |            |           |       |     |      |    |    |     |       |     |    |                    |
| D02                                                                                        | 0002                                                                                                                                                                                                                                                                                                          | TB                                                                                  | IN   | 120     | PEDCO      | GCS       | BK    |  |  |      |       |          |      |         |            |           |       |     |      |    |    |     |       |     |    |                    |

### REVISION RECORD SHEET

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| <br>NISOC | <p>نگهداشت و افزایش تولید میدان نفتی بینک<br/>سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p> |           |           |         |      |          |       |  |
| شماره پیمان:<br><br>۰۵۳ - ۰۷۳ - ۹۱۸۴                                                       | TBE FOR ESD SYSTEM                                                                                               |           |           |         |      |          |       | شماره صفحه: ۳ از ۵                                                                  |
|                                                                                            | پروژه                                                                                                            | بسته کاری | صادرکننده | تسهیلات | رشته | نوع مدرک | سریال |                                                                                     |
|                                                                                            | BK                                                                                                               | GCS       | PEDCO     | 120     | IN   | TB       | 0002  | D02                                                                                 |

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| شماره پیمان:<br><br>۰۵۳ - ۰۷۳ - ۹۱۸۴                                                       | TBE FOR ESD SYSTEM                                                                                               |           |            |         |      |          |       | شماره صفحه : ۴ از ۵                                                                 |      |
|                                                                                            | پروژه                                                                                                            | بسته کاری | صادر کننده | تسهیلات | رشته | نوع مدرک | سریال |                                                                                     | نسخه |
|                                                                                            | BK                                                                                                               | GCS       | PEDCO      | 120     | IN   | TB       | 0002  | D02                                                                                 |      |

## 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.                                                             |

|                                                                                            |                                                                                                                  |           |           |         |      |          |       |                                                                                     |      |
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| شماره پیمان:<br><br>۰۵۳ - ۰۷۳ - ۹۱۸۴                                                       | TBE FOR ESD SYSTEM                                                                                               |           |           |         |      |          |       | شماره صفحه : ۵ از ۵                                                                 |      |
|                                                                                            | پروژه                                                                                                            | بسته کاری | صادرکننده | تسهیلات | رشته | نوع مدرک | سریال |                                                                                     | نسخه |
|                                                                                            | BK                                                                                                               | GCS       | PEDCO     | 120     | IN   | TB       | 0002  | D02                                                                                 |      |

## 2.0 SCOPE

This document is technical bid evaluation report for purchasing the ESD System for Binak New Gas Compressor Station (adjacent to existing Binak GCS) based on “PMR For ESD System, BK-GCS-PEDCO-120-IN-MR-0002” and all related attachment.

## 3.0 ATTACHMENTS

### 3.1 TBE TABLE

### 3.2 CLARIFICATION

#### 3.2.1 CONTRACTOR COMMANDS

#### 3.2.2 VENDOR REPLY